

Diary

THE
STANDARD

DIARY



Sold by All Stationers
PUBLISHED BY
THE STANDARD DIARY CO.

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FOR IDENTIFICATION.

My Name Chloe

My Residence... 800 ...

..... That Agreement.....

My Business Address.....

.....

My Home Telephone.....

My Office Telephone.....

In case of accident or serious illness

.....

.....

The make of my Automobile.....

.....

Its number.....

Number on case of my Watch.....

Number of the works

Number of my Bank Book.....

My Weight was..... On.....

and my Height _____ feet _____ inches

Size of Hat Gloves.....

“ Hosiery.....Collar

" Cuffs Shoes

“ Shirts Drawers

CALENDAR, 1918

| | S | M | T | W | T | F | S | | S | M | T | W | T | F | S | |
|--------|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|--|
| JAN. | 6 | 7 | 8 | 9 | 10 | 11 | 12 | JULY. | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| | 27 | 28 | 29 | 30 | 31 | ... | ... | | 28 | 29 | 30 | 31 | ... | ... | ... | |
| FEB. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | AUG. | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| | 24 | 25 | 26 | 27 | 28 | ... | ... | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| | ... | ... | ... | ... | ... | 1 | 2 | | ... | ... | ... | ... | ... | ... | ... | |
| MAR. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | SEPT. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| | 31 | ... | ... | ... | ... | ... | ... | | 29 | 30 | ... | ... | ... | ... | ... | |
| APRIL. | 7 | 8 | 9 | 10 | 11 | 12 | 13 | OCT. | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| | 28 | 29 | 30 | ... | ... | ... | ... | | 27 | 28 | 29 | 30 | 31 | ... | ... | |
| | ... | ... | ... | ... | ... | 1 | 2 | | ... | ... | ... | ... | ... | ... | ... | |
| MAY. | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOV. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
| | 26 | 27 | 28 | 29 | 30 | 31 | ... | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
| | ... | ... | ... | ... | ... | ... | 1 | | ... | ... | ... | ... | ... | ... | ... | |
| JUNE. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | DEC. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| | 30 | ... | ... | ... | ... | ... | ... | | 29 | 30 | 31 | ... | ... | ... | ... | |

CALENDAR, 1919

| | S | M | T | W | T | F | S | | S | M | T | W | T | F | S |
|--------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| JAN. | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| FEB. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| MAR. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| APRIL. | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| MAY. | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| JUNE. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| JULY. | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| AUG. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| SEPT. | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| OCT. | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| NOV. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| DEC. | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |

RATES OF POSTAGE

Official at time of printing. As changes are expected inquire at Post Office.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

1st Class, letters per oz., 2c

2d " newspapers, periodicals 4 " 1c

3d " all circulars and miscellaneous printed matter.

Miscellaneous printed matter over 4 lbs. subject to 4th class rates . 2 " 1c

4th " merchandise, books, etc., see Parcel Post.

Registration Fee (extra postage) . 10c

Special Delivery . 10c

Postal Cards (reply cards, 2c) . 1c

Local or drop letters . per oz., 1c (where no free delivery.)

Postal Savings Bank (inquire at P. O.)

PARCEL POST, for U. S. and Possessions

(Inquire at Post Office)

Owing to frequent changes in rates, weights, etc., we deem it impracticable to attempt to give accurate information.

Postage to Foreign Countries.

Letters for Canada, Cuba, Mexico, British Isles, Newfoundland, Republic of Panama, U.S. Postal Agency at Shanghai, China; Leeward Isl'ps, Bahamas, British Honduras, Dutch West Indies, Dutch St. Martins, Barbadoes, Dutch Guiana and New Zealand per oz., 2c

Letters for Germany . " " 5c

(if sent by German steamer 2c per oz.)

Letters for other countries . 1 oz., 5c

each additional oz. or frac. 3c

Postal Cards (reply cards, 4c) . 2c

POPULATION OF THE UNITED STATES

*Estimated Population July 1, 1916, based upon Federal Censuses

| | *1916 | 1910 |
|-------------------------|-----------|-----------|
| Alabama | 2,332,608 | 2,138,093 |
| Arizona | 255,544 | 204,354 |
| Arkansas | 1,739,723 | 1,574,449 |
| California | 2,938,654 | 2,377,549 |
| Colorado | 962,060 | 799,024 |
| Connecticut | 1,244,479 | 1,114,756 |
| Delaware | 213,380 | 202,322 |
| Dist. of Columbia | 363,930 | 331,069 |
| Florida | 893,493 | 752,619 |
| Georgia | 2,856,065 | 2,609,121 |
| Idaho | 428,586 | 325,594 |
| Illinois | 6,152,257 | 5,638,591 |
| Indiana | 2,816,817 | 2,700,876 |
| Iowa | 2,220,321 | 2,224,771 |
| Kansas | 1,829,545 | 1,690,949 |
| Kentucky | 2,379,639 | 2,289,905 |
| Louisiana | 1,829,130 | 1,656,388 |
| Maine | 772,489 | 742,371 |
| Maryland | 1,362,807 | 1,294,450 |
| Massachusetts | 3,719,156 | 3,366,416 |
| Michigan | 3,054,854 | 2,811,173 |
| Minnesota | 2,279,603 | 2,078,708 |
| Mississippi | 1,951,674 | 1,797,414 |
| Missouri | 3,410,692 | 3,293,335 |
| Montana | 459,494 | 376,053 |
| Nebraska | 1,271,375 | 1,192,214 |
| Nevada | 106,734 | 81,875 |

POPULATION OF THE UNITED STATES

| | *1916 | 1910 |
|--------------------------|-------------|-------------|
| New Hampshire... | 442,506 | 430,572 |
| New Jersey | 2,948,017 | 2,537,167 |
| New Mexico | 410,283 | 327,396 |
| New York | 10,273,375 | 9,113,614 |
| North Carolina... | 2,402,738 | 2,206,287 |
| North Dakota | 739,201 | 577,056 |
| Ohio | 5,150,356 | 4,767,121 |
| Oklahoma | 2,202,081 | 1,637,155 |
| Oregon | 835,741 | 672,765 |
| Pennsylvania | 8,522,017 | 7,665,111 |
| Rhode Island | 614,315 | 542,674 |
| South Carolina... | 1,625,475 | 1,515,400 |
| South Dakota | 698,509 | 583,888 |
| Tennessee | 2,288,004 | 2,184,789 |
| Texas | 4,429,566 | 3,896,542 |
| Utah | 434,083 | 373,351 |
| Vermont | 363,699 | 355,956 |
| Virginia | 2,192,019 | 2,061,612 |
| Washington | 1,534,221 | 1,141,990 |
| West Virginia | 1,386,038 | 1,221,119 |
| Wisconsin | 2,500,350 | 2,333,860 |
| Wyoming | 179,559 | 145,965 |
| Alaska | 64,834 | 64,356 |
| Hawaii | 215,714 | 191,909 |
| Panama Canal Zone | 31,048 | 61,279 |
| Philippine Islands | 8,834,187 | 8,265,348 |
| Porto Rico | 1,216,083 | 1,118,012 |
| Military and Naval | 45,123 | 55,608 |
| TOTAL | 112,444,620 | 101,748,269 |

POPULATION OF PRINCIPAL CITIES

*Estimated Population July 1, 1916, based upon Federal Censuses

| | *1916 | 1910 |
|-------------------------|-----------|-----------|
| Akron, O..... | 85,625 | 69,067 |
| Albany N. Y..... | 104,199 | 100,253 |
| Atlanta, Ga..... | 190,558 | 154,839 |
| Baltimore, Md..... | 589,621 | 558,485 |
| Bayonne, N. J..... | 69,893 | 55,545 |
| Birmingham, Ala.... | 181,762 | 132,685 |
| Boston, Mass..... | 756,476 | 670,585 |
| Bridgeport, Conn.... | 121,579 | 102,054 |
| Brockton, Mass..... | 67,449 | 56,878 |
| Brooklyn, N. Y..... | 1,928,734 | 1,634,351 |
| Buffalo, N. Y..... | 468,558 | 423,715 |
| Cambridge, Mass.... | 112,981 | 104,839 |
| Camden, N. J..... | 106,233 | 94,538 |
| Chicago, Ill..... | 2,497,722 | 2,185,283 |
| Cincinnati, O..... | 410,476 | 364,463 |
| Cleveland, O..... | 674,073 | 560,663 |
| Columbus, O..... | 214,878 | 181,548 |
| Dallas, Tex..... | 124,527 | 92,104 |
| Dayton, O..... | 127,224 | 116,577 |
| Denver, Col..... | 260,800 | 213,381 |
| Des Moines, Ia..... | 101,598 | 86,368 |
| Detroit, Mich..... | 571,784 | 465,766 |
| Duluth, Minn..... | 94,495 | 78,466 |
| East St. Louis, Ill.... | 74,708 | 58,547 |
| Elizabeth, N. J..... | 86,690 | 73,409 |
| El Paso, Tex..... | 63,705 | 39,279 |
| Erie, Pa..... | 75,195 | 66,525 |
| Evansville, Ind..... | 76,078 | 69,647 |
| Fall River, Mass.... | 128,366 | 119,295 |
| Fort Wayne, Ind.... | 76,183 | 63,933 |
| Fort Worth, Tex.... | 104,562 | 73,312 |
| Grand Rapids, Mich.. | 128,291 | 112,571 |
| Harrisburg, Pa..... | 72,015 | 64,186 |

POPULATION OF PRINCIPAL CITIES

| | *1916 | 1910 |
|-----------------------|-----------|-----------|
| Hartford, Conn..... | 110,900 | 98,915 |
| Hoboken, N. J..... | 77,214 | 70,324 |
| Holyoke, Mass..... | 65,286 | 57,730 |
| Houston, Tex..... | 112,307 | 78,800 |
| Indianapolis, Ind.... | 271,708 | 233,650 |
| Jacksonville, Fla.... | 76,101 | 57,699 |
| Jersey City, N. J.... | 306,345 | 267,779 |
| Johnstown, Pa..... | 68,529 | 55,482 |
| Kansas City, Kan.... | 99,437 | 82,331 |
| Kansas City, Mo.... | 297,847 | 248,381 |
| Lawrence, Mass.... | 100,560 | 85,892 |
| Los Angeles, Cal.... | 503,812 | 319,198 |
| Louisville, Ky..... | 238,910 | 223,928 |
| Lowell, Mass..... | 113,245 | 106,294 |
| Lynn, Mass..... | 102,425 | 89,336 |
| Manchester, N. H.... | 78,283 | 70,063 |
| Memphis, Tenn..... | 148,995 | 131,105 |
| Milwaukee, Wis.... | 436,535 | 373,857 |
| Minneapolis, Minn.... | 363,454 | 301,408 |
| Nashville, Tenn.... | 117,057 | 110,364 |
| Newark, N. J..... | 408,894 | 347,469 |
| New Bedford, Mass.. | 118,158 | 96,652 |
| New Haven, Conn.... | 149,685 | 133,605 |
| New Orleans, La.... | 371,747 | 339,075 |
| New York, N. Y..... | 5,602,841 | 4,766,883 |
| Norfolk, Va..... | 89,612 | 67,452 |
| Oakland, Cal..... | 198,604 | 150,174 |
| Oklahoma City, Okla | 92,943 | 64,205 |
| Omaha, Neb..... | 165,470 | 124,096 |
| Passaic, N. J..... | 71,744 | 54,773 |
| Paterson, N. J..... | 138,443 | 125,600 |
| Peoria, Ill..... | 71,458 | 66,950 |
| Philadelphia, Pa.... | 1,709,518 | 1,549,008 |
| Pittsburg, Pa..... | 579,090 | 533,905 |
| Portland, Me..... | 63,867 | 58,571 |

POPULATION OF PRINCIPAL CITIES

| | *1916 | 1910 |
|-----------------------|---------|---------|
| Portland, Ore..... | 295,463 | 207,214 |
| Providence, R. I..... | 254,960 | 224,326 |
| Reading, Pa..... | 109,381 | 96,071 |
| Richmond, Va..... | 156,687 | 127,628 |
| Rochester, N. Y..... | 256,417 | 218,149 |
| Sacramento, Cal..... | 66,895 | 44,696 |
| Saint Joseph, Mo..... | 85,236 | 77,403 |
| Saint Louis, Mo..... | 757,309 | 687,029 |
| Saint Paul, Minn..... | 247,232 | 214,744 |
| Salt Lake City, Utah | 117,399 | 92,777 |
| San Antonio, Tex.... | 123,831 | 96,614 |
| San Francisco, Cal.. | 463,516 | 416,912 |
| Savannah, Ga..... | 68,805 | 65,064 |
| Schenectady, N. Y.. | 99,519 | 72,826 |
| Scranton, Pa..... | 146,811 | 129,867 |
| Seattle, Wash..... | 348,639 | 237,194 |
| Somerville, Mass.... | 87,039 | 77,236 |
| South Bend, Ind..... | 68,946 | 53,684 |
| Spokane, Wash..... | 150,323 | 104,402 |
| Springfield, Mass.... | 105,942 | 88,926 |
| Syracuse, N. Y..... | 155,624 | 137,249 |
| Tacoma, Wash..... | 112,770 | 83,743 |
| Terre Haute, Ind..... | 66,083 | 58,157 |
| Toledo, O..... | 191,554 | 168,497 |
| Trenton, N. J..... | 111,593 | 96,815 |
| Troy, N. Y..... | 77,916 | 76,813 |
| Utica, N. Y..... | 85,692 | 74,419 |
| Washington, D. C.... | 363,980 | 331,069 |
| Waterbury, Conn.... | 86,973 | 73,141 |
| Wichita, Kan..... | 70,722 | 52,450 |
| Wilkesbarre, Pa..... | 76,776 | 67,105 |
| Wilmington, Del.... | 94,265 | 87,411 |
| Worcester, Mass.... | 163,314 | 145,986 |
| Yonkers, N. Y..... | 99,838 | 79,803 |
| Youngstown, O..... | 108,385 | 79,066 |

PRESIDENTS OF THE UNITED STATES.

| | NAME | RESI- DENCE | INAUGU- RATED | | POLI- TICS |
|----|---------------------|----------------|------------------|-----|---------------|
| | | | YEAR | AGE | |
| 1 | George Washington | Va. | 1789 | 57 | Fed. |
| 2 | John Adams . . . | Mass. | 1797 | 62 | Fed. |
| 3 | Thomas Jefferson . | Va. | 1801 | 58 | Rep.* |
| 4 | James Madison . . | Va. | 1809 | 58 | Rep. |
| 5 | James Monroe . . | Va. | 1817 | 59 | Rep. |
| 6 | John Quincy Adams | Mass. | 1825 | 58 | Rep. |
| 7 | Andrew Jackson . | Tenn. | 1829 | 62 | Dem. |
| 8 | Martin Van Buren . | N. Y. | 1837 | 55 | Dem. |
| 9 | William H. Harrison | Ohio. | 1841 | 68 | Whig |
| 10 | John Tyler | Va. | 1841 | 51 | Dem. |
| 11 | James K. Polk . . | Tenn. | 1845 | 50 | Dem. |
| 12 | Zachary Taylor . . | La. | 1849 | 65 | Whig |
| 13 | Millard Fillmore . | N. Y. | 1850 | 50 | Whig |
| 14 | Franklin Pierce . . | N. H. | 1853 | 49 | Dem. |
| 15 | James Buchanan . | Pa. | 1857 | 66 | Dem. |
| 16 | Abraham Lincoln . | Ill. | 1861 | 52 | Rep. |
| 17 | Andrew Johnson . | Tenn. | 1865 | 57 | Rep. |
| 18 | Ulysses S. Grant . | D. C. | 1869 | 47 | Rep. |
| 19 | Rutherford B. Hayes | Ohio. | 1877 | 54 | Rep. |
| 20 | James A. Garfield . | Ohio. | 1881 | 49 | Rep. |
| 21 | Chester A. Arthur . | N. Y. | 1881 | 51 | Rep. |
| 22 | Grover Cleveland . | N. Y. | 1885 | 48 | Dem. |
| 23 | Benjamin Harrison | Ind. | 1889 | 55 | Rep. |
| 24 | Grover Cleveland . | N. Y. | 1893 | 56 | Dem. |
| 25 | William McKinley . | Ohio | 1897 | 54 | Rep. |
| 26 | Theodore Roosevelt | N. Y. | 1901 | 43 | Rep. |
| 27 | Wm Howard Taft . | Ohio | 1909 | 51 | Rep. |
| 28 | Woodrow Wilson . | N. J. | 1913 | 56 | Dem. |

*The Democratic party of to-day claims lineal descent from the first Republican party, and President Jefferson as its founder.

LEGAL HOLIDAYS.

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Oct. 10 and 12, Thanksgiving, Dec. 25.

ALASKA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 18, Th'ksg'g, Dec. 25, gen. elec.

ARIZONA—Jan. 1, Feb. 14 and 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, election day, Thanksgiving, Dec. 25.

ARKANSAS—Jan. 1 and 19, Feb. 22, June 3, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.

CALIFORNIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, general election.

COLORADO—Jan. 1, Feb. 12 and 22, May 30, July 4, Aug. 1, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. day.

DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Mardi-Gras, Good Friday, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

GEORGIA—Jan. 1 and 19, Feb. 22, Apr. 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, election day, Thanksgiving, Dec. 25.

IDAHO—Jan. 1, Feb. 22, May 30, June 15, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

INDIANA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Th'ksg'g, Dec. 25, gen. election.

KANSAS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

KENTUCKY—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, Labor Day, Nov. 1, Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

MARYLAND—Jan. 1, Feb. 22, Mar. 25, Good Friday, May 30, July 4, Labor Day, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, gen. elec.

MASSACHUSETTS—Jan. 1, Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving Day, Dec. 25, election days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Th'ksg'g, Dec. 25.

MISSOURI—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

NEBRASKA—Jan. 1, Feb. 12 and 22, April 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12 and 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, Sat. P.M., gen. elec.

NEW MEXICO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election, every Saturday P.M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, election day.

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, 12 M. to 5.30 P. M.

OKLAHOMA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. day.

OREGON—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election, every Saturday P.M.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, State and general election, every Saturday P. M.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2nd Friday in May, May 30, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, general election, every Saturday P. M.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4 and 24, Labor Day, Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, every Saturday P.M., gen. election.

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. elec., every Sat. P.M.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

WISCONSIN—Jan. 1, Feb. 22, May 30, July 4, Labor Day, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, gen. election.

WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | JANUARY | | | | FEBRUARY | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 1 45 | 1 57 | 10 34 | 11 15 | 2 33 | 2 51 | 10 57 | 11 32 |
| 2 | 2 27 | 2 40 | 11 11 | 11 57 | 3 15 | 3 36 | 11 32 | ..... |
| 3 | 3 10 | 3 26 | 11 47 | ..... | 3 59 | 4 25 | 0 12 | 0 17 |
| 4 | 3 55 | 4 14 | 0 43 | 0 31 | 4 46 | 5 17 | 1 4 | 1 13 |
| 5 | 4 43 | 5 4 | 1 31 | 1 21 | 5 38 | 6 11 | 2 7 | 2 26 |
| 6 | 5 31 | 5 57 | 2 23 | 2 24 | 6 33 | 7 8 | 3 18 | 3 48 |
| 7 | 6 21 | 6 51 | 3 17 | 3 30 | 7 29 | 8 5 | 4 24 | 4 57 |
| 8 | 7 13 | 7 45 | 4 10 | 4 30 | 8 24 | 8 59 | 5 21 | 5 55 |
| 9 | 8 5 | 8 38 | 5 0 | 5 24 | 9 18 | 9 51 | 6 13 | 6 43 |
| 10 | 8 55 | 9 28 | 5 46 | 6 12 | 10 10 | 10 41 | 7 1 | 7 31 |
| 11 | 9 45 | 10 18 | 6 31 | 6 59 | 11 2 | 11 30 | 7 47 | 8 17 |
| 12 | 10 33 | 11 6 | 7 15 | 7 45 | 11 52 | ..... | 8 33 | 9 4 |
| 13 | 11 23 | 11 54 | 7 59 | 8 31 | 0 20 | 0 42 | 9 20 | 9 52 |
| 14 | ..... | 0 11 | 8 44 | 9 19 | 1 9 | 1 33 | 10 8 | 10 42 |
| 15 | 0 41 | 1 0 | 9 30 | 10 9 | 2 0 | 2 25 | 11 0 | 11 37 |
| 16 | 1 31 | 1 51 | 10 18 | 11 1 | 2 52 | 3 20 | 11 57 | ..... |
| 17 | 2 22 | 2 43 | 11 11 | 11 59 | 3 47 | 4 18 | 0 39 | 1 2 |
| 18 | 3 14 | 3 38 | ..... | 0 9 | 4 44 | 5 19 | 1 48 | 2 18 |
| 19 | 4 10 | 4 37 | 1 2 | 1 16 | 5 45 | 6 23 | 2 59 | 3 33 |
| 20 | 5 8 | 5 40 | 2 9 | 2 30 | 6 48 | 7 27 | 4 5 | 4 40 |
| 21 | 6 9 | 6 43 | 3 18 | 3 44 | 7 50 | 8 30 | 5 5 | 5 36 |
| 22 | 7 9 | 7 47 | 4 22 | 4 50 | 8 48 | 9 23 | 5 57 | 6 23 |
| 23 | 8 10 | 8 48 | 5 19 | 5 48 | 9 39 | 10 10 | 6 41 | 7 6 |
| 24 | 9 7 | 9 44 | 6 11 | 6 38 | 10 24 | 10 51 | 7 20 | 7 44 |
| 25 | 9 57 | 10 33 | 6 57 | 7 24 | 11 5 | 11 29 | 7 56 | 8 18 |
| 26 | 10 45 | 11 17 | 7 39 | 8 5 | 11 44 | ..... | 8 28 | 8 49 |
| 27 | 11 27 | 11 58 | 8 17 | 8 44 | 0 6 | 0 22 | 8 59 | 9 19 |
| 28 | ..... | 0 9 | 8 52 | 9 20 | 0 42 | 1 1 | 9 25 | 9 44 |
| 29 | 0 36 | 0 48 | 9 25 | 9 53 | ..... | ..... | ..... | ..... |
| 30 | 1 14 | 1 28 | 9 56 | 10 25 | ..... | ..... | ..... | ..... |
| 31 | 1 54 | 2 9 | 10 24 | 10 55 | ..... | ..... | ..... | ..... |

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | MARCH | | | | APRIL | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 1 20 | 1 40 | 9 50 | 10 11 | 2 5 | 2 36 | 10 30 | 10 48 |
| 2 | 1 53 | 2 21 | 10 19 | 10 42 | 2 48 | 3 21 | 11 13 | 11 35 |
| 3 | 2 37 | 3 4 | 10 54 | 11 21 | 3 36 | 4 13 | ..... | 0 6 |
| 4 | 3 20 | 3 51 | 11 36 | ..... | 4 30 | 5 8 | 0 31 | 1 13 |
| 5 | 4 8 | 4 41 | 0 9 | 0 31 | 5 29 | 6 7 | 1 41 | 2 38 |
| 6 | 5 1 | 5 36 | 1 7 | 1 39 | 6 30 | 7 6 | 3 3 | 3 59 |
| 7 | 5 58 | 6 35 | 2 21 | 3 8 | 7 30 | 8 4 | 4 20 | 5 3 |
| 8 | 6 57 | 7 33 | 3 43 | 4 28 | 8 29 | 8 59 | 5 25 | 5 59 |
| 9 | 7 56 | 8 30 | 4 52 | 5 30 | 9 25 | 9 51 | 6 21 | 6 49 |
| 10 | 8 53 | 9 24 | 5 50 | 6 22 | 10 20 | 10 42 | 7 13 | 7 38 |
| 11 | 9 48 | 10 16 | 6 42 | 7 11 | 11 12 | 11 32 | 8 4 | 8 27 |
| 12 | 10 40 | 11 6 | 7 31 | 7 58 | ..... | 0 5 | 8 53 | 9 16 |
| 13 | 11 31 | 11 56 | 8 19 | 8 45 | 0 23 | 0 56 | 9 43 | 10 6 |
| 14 | ..... | 0 19 | 9 7 | 9 34 | 1 14 | 1 48 | 10 36 | 10 56 |
| 15 | 0 46 | 1 15 | 9 56 | 10 23 | 2 5 | 2 41 | 11 32 | 11 52 |
| 16 | 1 37 | 2 7 | 10 47 | 11 16 | 2 59 | 3 36 | ..... | 0 33 |
| 17 | 2 28 | 3 2 | 11 43 | ..... | 3 55 | 4 32 | 0 55 | 1 40 |
| 18 | 3 23 | 3 58 | 0 15 | 0 48 | 4 53 | 5 31 | 2 1 | 2 46 |
| 19 | 4 20 | 4 57 | 1 23 | 2 1 | 5 53 | 6 30 | 3 6 | 3 48 |
| 20 | 5 21 | 6 0 | 2 34 | 3 15 | 6 51 | 7 25 | 4 5 | 4 41 |
| 21 | 6 24 | 7 3 | 3 42 | 4 19 | 7 46 | 8 16 | 4 57 | 5 27 |
| 22 | 7 25 | 8 2 | 4 42 | 5 14 | 8 37 | 9 1 | 5 43 | 6 7 |
| 23 | 8 22 | 8 53 | 5 32 | 6 1 | 9 23 | 9 42 | 6 24 | 6 43 |
| 24 | 9 13 | 9 39 | 6 16 | 6 40 | 10 7 | 10 21 | 7 1 | 7 17 |
| 25 | 9 57 | 10 19 | 6 55 | 7 16 | 10 47 | 11 0 | 7 35 | 7 47 |
| 26 | 10 38 | 10 56 | 7 31 | 7 48 | 11 24 | 11 38 | 8 6 | 8 15 |
| 27 | 11 17 | 11 34 | 8 3 | 8 18 | ..... | 0 7 | 8 36 | 8 43 |
| 28 | 11 52 | ..... | 8 32 | 8 45 | 0 17 | 0 48 | 9 5 | 9 13 |
| 29 | 0 11 | 0 34 | 8 58 | 9 10 | 0 57 | 1 29 | 9 37 | 9 47 |
| 30 | 0 47 | 1 14 | 9 24 | 9 37 | 1 39 | 2 12 | 10 15 | 10 27 |
| 31 | 1 25 | 1 54 | 9 53 | 10 9 | ..... | ..... | ..... | ..... |

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | MAY | | | | JUNE | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 2 23 | 2 59 | 11 0 | 11 15 | 3 45 | 4 23 | ..... | 0 49 |
| 2 | 3 12 | 3 50 | 11 54 | ..... | 4 43 | 5 21 | 0 55 | 1 56 |
| 3 | 4 6 | 4 45 | 0 9 | 0 59 | 5 44 | 6 17 | 2 4 | 3 5 |
| 4 | 5 5 | 5 43 | 1 14 | 2 15 | 6 46 | 7 15 | 3 20 | 4 11 |
| 5 | 6 5 | 6 41 | 2 30 | 3 30 | 7 46 | 8 12 | 4 33 | 5 12 |
| 6 | 7 6 | 7 38 | 3 48 | 4 36 | 8 46 | 9 8 | 5 39 | 6 10 |
| 7 | 8 6 | 8 34 | 4 58 | 5 35 | 9 43 | 10 1 | 6 39 | 7 3 |
| 8 | 9 2 | 9 27 | 5 58 | 6 28 | 10 37 | 10 53 | 7 34 | 7 55 |
| 9 | 9 57 | 10 20 | 6 55 | 7 20 | 11 29 | 11 44 | 8 26 | 8 44 |
| 10 | 10 51 | 11 11 | 7 49 | 8 10 | ..... | 0 19 | 9 17 | 9 31 |
| 11 | 11 46 | ..... | 8 40 | 8 59 | 0 32 | 1 9 | 10 7 | 10 17 |
| 12 | 0 2 | 0 38 | 9 31 | 9 48 | 1 21 | 1 56 | 10 55 | 11 3 |
| 13 | 0 52 | 1 29 | 10 23 | 10 37 | 2 9 | 2 43 | 11 43 | 11 48 |
| 14 | 1 44 | 2 19 | 11 16 | 11 25 | 2 57 | 3 32 | ..... | 0 32 |
| 15 | 2 35 | 3 11 | ..... | 0 12 | 3 46 | 4 20 | 0 34 | 1 22 |
| 16 | 3 27 | 4 5 | 0 23 | 1 9 | 4 37 | 5 9 | 1 22 | 2 12 |
| 17 | 4 21 | 4 59 | 1 19 | 2 8 | 5 30 | 5 58 | 2 14 | 3 1 |
| 18 | 5 16 | 5 51 | 2 17 | 3 4 | 6 22 | 6 46 | 3 9 | 3 51 |
| 19 | 6 10 | 6 43 | 3 15 | 3 56 | 7 15 | 7 36 | 4 5 | 4 40 |
| 20 | 7 5 | 7 31 | 4 10 | 4 44 | 8 6 | 8 24 | 4 59 | 5 25 |
| 21 | 7 57 | 8 18 | 5 0 | 5 26 | 8 55 | 9 10 | 5 43 | 6 7 |
| 22 | 8 46 | 9 3 | 5 45 | 6 7 | 9 43 | 9 56 | 6 32 | 6 47 |
| 23 | 9 32 | 9 46 | 6 26 | 6 43 | 10 29 | 10 40 | 7 15 | 7 26 |
| 24 | 10 16 | 10 27 | 7 5 | 7 17 | 11 14 | 11 25 | 7 56 | 8 4 |
| 25 | 10 59 | 11 9 | 7 41 | 7 50 | 11 58 | ..... | 8 37 | 8 44 |
| 26 | 11 40 | 11 50 | 8 16 | 8 22 | 0 10 | 0 43 | 9 19 | 9 24 |
| 27 | ..... | 0 22 | 8 51 | 8 57 | 0 56 | 1 29 | 10 3 | 10 7 |
| 28 | 0 33 | 1 6 | 9 28 | 9 34 | 1 43 | 2 18 | 10 49 | 10 54 |
| 29 | 1 16 | 1 51 | 10 9 | 10 16 | 2 34 | 3 8 | 11 40 | 11 45 |
| 30 | 2 2 | 2 39 | 10 55 | 11 3 | 3 28 | 4 1 | ..... | 0 36 |
| 31 | 2 52 | 3 29 | 11 43 | 11 55 | ..... | ..... | ..... | ..... |

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | JULY | | | | AUGUST | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 4 25 | 4 57 | 0 41 | 1 38 | 6 10 | 6 36 | 2 54 | 3 36 |
| 2 | 5 24 | 5 56 | 1 47 | 2 44 | 7 12 | 7 38 | 4 7 | 4 42 |
| 3 | 6 25 | 6 54 | 3 9 | 3 52 | 8 16 | 8 37 | 5 13 | 5 42 |
| 4 | 7 23 | 7 53 | 4 16 | 4 55 | 9 14 | 9 32 | 6 12 | 6 34 |
| 5 | 8 30 | 8 51 | 5 25 | 5 55 | 10 7 | 10 22 | 7 4 | 7 22 |
| 6 | 9 27 | 9 45 | 6 25 | 6 49 | 10 54 | 11 8 | 7 50 | 8 6 |
| 7 | 10 22 | 10 34 | 7 20 | 7 40 | 11 38 | 11 51 | 8 34 | 8 46 |
| 8 | 11 13 | 11 27 | 8 11 | 8 27 | ..... | 0 18 | 9 14 | 9 23 |
| 9 | ..... | 0 0 | 8 59 | 9 11 | 0 32 | 0 58 | 9 51 | 9 59 |
| 10 | 0 13 | 0 45 | 9 43 | 9 53 | 1 14 | 1 38 | 10 27 | 10 33 |
| 11 | 0 58 | 1 29 | 10 27 | 10 33 | 1 54 | 2 17 | 11 0 | 11 5 |
| 12 | 1 42 | 2 12 | 11 8 | 11 11 | 2 37 | 2 58 | 11 34 | 11 38 |
| 13 | 2 26 | 2 55 | 11 48 | 11 48 | 3 22 | 3 43 | ..... | 0 9 |
| 14 | 3 11 | 3 39 | ..... | 0 29 | 4 10 | 4 31 | 0 15 | 0 52 |
| 15 | 3 58 | 4 25 | 0 25 | 1 12 | 5 1 | 5 21 | 1 1 | 1 44 |
| 16 | 4 48 | 5 14 | 1 8 | 1 58 | 5 55 | 6 15 | 2 0 | 2 46 |
| 17 | 5 40 | 6 4 | 1 58 | 2 49 | 6 50 | 7 10 | 3 13 | 3 52 |
| 18 | 6 33 | 6 55 | 2 59 | 3 44 | 7 45 | 8 4 | 4 24 | 4 52 |
| 19 | 7 26 | 7 46 | 4 5 | 4 38 | 8 38 | 8 57 | 5 25 | 5 46 |
| 20 | 8 19 | 8 38 | 5 5 | 5 30 | 9 28 | 9 48 | 6 18 | 6 35 |
| 21 | 9 10 | 9 25 | 5 59 | 6 18 | 10 17 | 10 37 | 7 7 | 7 22 |
| 22 | 9 58 | 10 14 | 6 47 | 7 2 | 11 5 | 11 25 | 7 53 | 8 10 |
| 23 | 10 45 | 11 1 | 7 33 | 7 45 | 11 53 | ..... | 8 40 | 8 56 |
| 24 | 11 32 | 11 48 | 8 18 | 8 29 | 0 15 | 0 42 | 9 27 | 9 45 |
| 25 | ..... | 0 18 | 9 3 | 9 13 | 1 6 | 1 31 | 10 16 | 10 35 |
| 26 | 0 36 | 1 6 | 9 48 | 9 58 | 1 57 | 2 22 | 11 9 | 11 29 |
| 27 | 1 25 | 1 54 | 10 36 | 10 45 | 2 51 | 3 16 | ..... | 0 5 |
| 28 | 2 16 | 2 45 | 11 26 | 11 36 | 3 48 | 4 14 | 0 29 | 1 8 |
| 29 | 3 10 | 3 39 | ..... | 0 21 | 4 49 | 5 15 | 1 38 | 2 16 |
| 30 | 4 6 | 4 35 | 0 34 | 1 22 | 5 52 | 6 18 | 2 49 | 3 25 |
| 31 | 5 7 | 5 36 | 1 40 | 2 27 | 6 57 | 7 22 | 3 59 | 4 28 |

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | SEPTEMBER | | | | OCTOBER | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 8 0 | 8 22 | 5 1 | 5 25 | 8 35 | 8 52 | 5 32 | 5 49 |
| 2 | 8 57 | 9 16 | 5 55 | 6 15 | 9 20 | 9 39 | 6 15 | 6 32 |
| 3 | 9 47 | 10 4 | 6 42 | 6 59 | 10 1 | 10 22 | 6 53 | 7 10 |
| 4 | 10 31 | 10 47 | 7 24 | 7 39 | 10 39 | 11 1 | 7 28 | 7 45 |
| 5 | 11 11 | 11 27 | 8 3 | 8 16 | 11 16 | 11 39 | 8 1 | 8 18 |
| 6 | 11 48 | ..... | 8 38 | 8 53 | 11 53 | ..... | 8 31 | 8 49 |
| 7 | 0 6 | 0 25 | 9 11 | 9 24 | 0 18 | 0 30 | 8 59 | 9 19 |
| 8 | 0 45 | 1 3 | 9 42 | 9 55 | 0 57 | 1 8 | 9 27 | 9 49 |
| 9 | 1 25 | 1 41 | 10 11 | 10 23 | 1 37 | 1 47 | 9 59 | 10 24 |
| 10 | 2 6 | 2 21 | 10 41 | 10 56 | 2 19 | 2 30 | 10 37 | 11 7 |
| 11 | 2 49 | 3 4 | 11 17 | 11 36 | 3 5 | 3 17 | 11 22 | 11 57 |
| 12 | 3 35 | 3 50 | ..... | 0 1 | 3 54 | 4 9 | ..... | 0 17 |
| 13 | 4 25 | 4 43 | 0 24 | 0 54 | 4 49 | 5 6 | 1 3 | 1 20 |
| 14 | 5 19 | 5 39 | 1 25 | 1 57 | 5 44 | 6 5 | 2 15 | 2 30 |
| 15 | 6 15 | 6 36 | 2 40 | 3 8 | 6 41 | 7 3 | 3 26 | 3 41 |
| 16 | 7 12 | 7 33 | 3 53 | 4 15 | 7 37 | 8 2 | 4 28 | 4 44 |
| 17 | 8 7 | 8 29 | 4 55 | 5 14 | 8 31 | 8 58 | 5 21 | 5 41 |
| 18 | 9 0 | 9 22 | 5 49 | 6 8 | 9 24 | 9 51 | 6 13 | 6 36 |
| 19 | 9 49 | 10 14 | 6 39 | 6 58 | 10 14 | 10 44 | 7 3 | 7 28 |
| 20 | 10 39 | 11 5 | 7 27 | 7 49 | 11 5 | 11 36 | 7 53 | 8 20 |
| 21 | 11 27 | 11 55 | 8 15 | 8 39 | 11 54 | ..... | 8 44 | 9 14 |
| 22 | ..... | 0 17 | 9 4 | 9 29 | 0 22 | 0 45 | 9 36 | 10 11 |
| 23 | 0 46 | 1 7 | 9 56 | 10 22 | 1 20 | 1 38 | 10 32 | 11 10 |
| 24 | 1 39 | 1 59 | 10 50 | 11 21 | 2 14 | 2 32 | 11 31 | ..... |
| 25 | 2 33 | 2 54 | 11 49 | ..... | 3 10 | 3 29 | 0 14 | 0 35 |
| 26 | 3 30 | 3 52 | 0 25 | 0 55 | 4 8 | 4 29 | 1 20 | 1 40 |
| 27 | 4 30 | 4 54 | 1 34 | 2 2 | 5 9 | 5 36 | 2 25 | 2 42 |
| 28 | 5 34 | 5 57 | 2 42 | 3 8 | 6 9 | 6 30 | 3 24 | 3 40 |
| 29 | 6 37 | 7 1 | 3 46 | 4 8 | 7 6 | 7 28 | 4 17 | 4 32 |
| 30 | 7 38 | 8 0 | 4 43 | 5 1 | 7 58 | 8 20 | 5 3 | 5 18 |
| 31 | ..... | ..... | ..... | ..... | 8 45 | 9 9 | 6 44 | 6 0 |

HIGH TIDE.

(STANDARD TIME.)

| Day of M. | NOVEMBER | | | | DECEMBER | | | |
|-----------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| | Boston Tide | | N. Y. Tide | | Boston Tide | | N. Y. Tide | |
| | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g | Mor'g | Eve'g |
| 1 | 9 27 | 9 52 | 6 20 | 6 39 | 9 31 | 10 3 | 6 25 | 6 46 |
| 2 | 10 6 | 10 33 | 6 55 | 7 15 | 10 12 | 10 44 | 6 58 | 7 22 |
| 3 | 10 44 | 11 12 | 7 27 | 7 48 | 10 54 | 11 26 | 7 31 | 7 57 |
| 4 | 11 21 | 11 52 | 7 58 | 8 19 | 11 35 | ..... | 8 3 | 8 30 |
| 5 | ..... | 0 1 | 8 26 | 8 50 | 0 7 | 0 15 | 8 34 | 9 5 |
| 6 | 0 32 | 0 40 | 8 55 | 9 23 | 0 48 | 0 57 | 9 10 | 9 44 |
| 7 | 1 12 | 1 20 | 9 29 | 10 0 | 1 30 | 1 40 | 9 49 | 10 30 |
| 8 | 1 54 | 2 3 | 10 9 | 10 45 | 2 16 | 2 27 | 10 34 | 11 21 |
| 9 | 2 39 | 2 49 | 10 54 | 11 39 | 3 3 | 3 17 | 11 21 | ..... |
| 10 | 3 27 | 3 40 | 11 48 | ..... | 3 54 | 4 12 | 0 20 | 0 22 |
| 11 | 4 19 | 4 37 | 0 41 | 0 49 | 4 43 | 5 11 | 1 24 | 1 29 |
| 12 | 5 15 | 5 36 | 1 50 | 1 58 | 5 45 | 6 11 | 2 32 | 2 43 |
| 13 | 6 13 | 6 37 | 2 58 | 3 10 | 6 42 | 7 12 | 3 39 | 3 56 |
| 14 | 7 9 | 7 36 | 4 1 | 4 18 | 7 40 | 8 14 | 4 38 | 5 2 |
| 15 | 8 4 | 8 35 | 4 57 | 5 19 | 8 37 | 9 13 | 5 36 | 6 3 |
| 16 | 8 59 | 9 31 | 5 51 | 6 16 | 9 32 | 10 8 | 6 30 | 6 59 |
| 17 | 9 51 | 10 26 | 6 43 | 7 11 | 10 26 | 11 2 | 7 23 | 7 53 |
| 18 | 10 43 | 11 18 | 7 35 | 8 5 | 11 18 | 11 54 | 8 13 | 8 46 |
| 19 | 11 35 | ..... | 8 27 | 9 0 | ..... | 0 9 | 9 3 | 9 38 |
| 20 | 0 11 | 0 26 | 9 19 | 9 55 | 0 44 | 0 59 | 9 52 | 10 29 |
| 21 | 1 2 | 1 18 | 10 12 | 10 54 | 1 33 | 1 47 | 10 41 | 11 22 |
| 22 | 1 54 | 2 10 | 11 9 | 11 53 | 2 22 | 2 37 | 11 31 | ..... |
| 23 | 2 47 | 3 4 | ..... | 0 6 | 3 10 | 3 26 | 0 15 | 0 22 |
| 24 | 3 41 | 3 59 | 0 55 | 1 6 | 3 59 | 4 17 | 1 10 | 1 16 |
| 25 | 4 36 | 4 55 | 1 53 | 2 5 | 4 48 | 5 11 | 2 4 | 2 11 |
| 26 | 5 32 | 5 53 | 2 50 | 3 1 | 5 38 | 6 4 | 2 55 | 3 8 |
| 27 | 6 25 | 6 47 | 3 41 | 3 54 | 6 29 | 6 58 | 3 46 | 4 3 |
| 28 | 7 15 | 7 40 | 4 27 | 4 43 | 7 19 | 7 51 | 4 33 | 4 53 |
| 29 | 8 3 | 8 31 | 5 11 | 5 28 | 8 9 | 8 42 | 5 15 | 5 39 |
| 30 | 8 48 | 9 18 | 6 49 | 6 9 | 8 57 | 9 30 | 6 5 | 6 21 |
| 31 | ..... | ..... | ..... | ..... | 9 42 | 10 15 | 6 35 | 7 0 |

STANDARD TIME.

The risings and settings of the Sun and Moon are given in this almanac in local mean time. To change to STANDARD TIME add or subtract the minutes as marked plus (+) or minus (—).

CORRECTIONS FOR THE FOLLOWING CITIES:

| | Minutes. |
|--------------------------------|----------|
| Albany, N. Y. | — 5 |
| Boston, Mass. | — 16 |
| Baltimore, Md. | + 6 |
| Buffalo, N. Y. | + 16 |
| Chicago, Ill. | — 10 |
| Cincinnati, Ohio | — 22 |
| Cleveland, Ohio | — 33 |
| Denver, Col. | 0 |
| Detroit, Mich. | — 28 |
| Des Moines, Iowa | + 14 |
| Galveston, Texas | + 19 |
| Hartford, Conn. | — 9 |
| Indianapolis, Ind. | — 16 |
| Kansas City, Mo. | + 18 |
| Louisville, Ky. | — 18 |
| Milwaukee, Wis. | — 8 |
| Montpelier, Vt. | — 10 |
| New York, N. Y. | — 4 |
| New Orleans, La. | 0 |
| Omaha, Neb. | + 24 |
| Philadelphia, Pa. | + 1 |
| Portland, Me. | — 19 |
| Pittsburg, Pa. | + 20 |
| St. Louis, Mo. | + 1 |
| St. Paul, Minn. | + 12 |
| Salt Lake City, Utah | + 28 |
| San Francisco, Cal. | + 10 |
| Toledo, Ohio | — 26 |
| Washington, D. C. | + 8 |

FESTIVALS AND FASTS.

| | |
|---------------------------------------|----------|
| Epiphany | Jan. 6 |
| Septuagesima Sunday | Jan. 27 |
| Quinquagesima—Shrove Sunday | Feb. 10 |
| Ash Wednesday | Feb. 13 |
| First Sunday in Lent | Feb. 17 |
| St. Patrick | Mar. 17 |
| Palm Sunday | Mar. 24 |
| Good Friday | Mar. 29 |
| Easter Sunday | Mar. 31 |
| Low Sunday | April 7 |
| Rogation Sunday | May 5 |
| Ascension Day—Holy Thursday | May 9 |
| Pentecost—Whit Sunday | May 19 |
| Trinity Sunday | May 26 |
| Corpus Christi | May 30 |
| St. John Baptist | June 24 |
| Michaelmas Day | Sept. 29 |
| St. Andrew | Nov. 30 |
| First Sunday in Advent | Dec. 1 |
| Christmas Day | Dec. 25 |

MORNING STARS.

MERCURY.—About January 25, May 24 and September 18.

VENUS.—February 9 to November 23.

MARS.—Until March 15.

JUPITER.—June 15 to the end of the year.

SATURN.—Until January 31; August 11 to the end of the year.

EVENING STARS.

MERCURY.—About April 7, August 5 and November 29.

VENUS.—Until February 9; November 23 to the end of the year.

MARS.—March 15 to the end of the year.

JUPITER.—Until June 15.

SATURN.—January 31 to August 11.

ECLIPSES FOR THE YEAR 1918.

In the year 1918 there will be three Eclipses, two of the Sun and one of the Moon.

I. A TOTAL ECLIPSE OF THE SUN, June 8. Visible to North America, the extreme northwestern corner of South America, and the northeastern part of Asia. The path of totality extending diagonally across the United States from Astoria, Oregon, to Orlando, Florida. Occurring as follows:

| | Stand'd | Begins | Ends |
|------------------|---------|--------------|-------------------|
| | | <i>h. m.</i> | <i>h. m.</i> |
| Boston | Eastern | 5 31a | 7 12 a |
| New York .. | " | 5 32a | 7 16 a |
| Philadelphia .. | " | 5 32a | 7 18 a |
| Pittsburg ... | " | 5 30a | 7 20 a |
| Washington .. | " | 5 33a | 7 21 a |
| Charleston .. | " | 5 40a | Soon after sunset |
| Cincinnati... | Central | 4 20a | 6 24 a |
| Chicago..... | " | 4 24a | 6 22 a |
| St. Paul..... | " | 4 16a | 6 18 a |
| Omaha..... | " | 4 19a | 6 25 a |
| St. Louis..... | " | 4 27a | 6 27 a |
| Jackson..... | " | 4 35a | 6 35 a |
| Orlando..... | " | 4 44a | After sunset |
| New Orleans .. | " | 4 38a | 6 37 a |
| Bismarck ... | M't'n | 3 7a | 5 16 a |
| Denver..... | " | 3 12a | 5 27 a |
| Salt L'ke C'y .. | " | 3 1a | 5 24 a |
| San Franc'o. .. | Pa'fic | 1 49a | 4 21 a |
| Portland..... | " | 1 38a | 4 11 a |
| Astoria..... | " | 1 36a | 4 8 a |

II. A PARTIAL ECLIPSE OF THE MOON, June 24. Visible to Australia and the Pacific Ocean. The beginning visible to North America except the north-eastern portion, and South America except the eastern portion; the ending visible to southwestern North America, and western and southern South America. Occurring as follows:

| | Standard | Eastern | Central |
|------------------------|----------|--------------|--------------|
| | | <i>h. m.</i> | <i>h. m.</i> |
| Moon enters penumbra | | 3 9 m | 2 9 m |
| Moon enters shadow... | | 4 46 m | 3 46 m |
| Middle of eclipse..... | | Invisible | 4 28 m |
| Moon leaves shadow... | | " | Invisible |
| Moon leaves penumbra | | " | " |

First contact of shadow, 28 degrees from the south point of the Moon's limb toward the east.

Magnitude of eclipse, 0.135 (Moon's diameter, 1.0).

III. AN ANNULAR ECLIPSE OF THE SUN, December 3. Invisible to the United States. Visible to South America except the northern portion, southern Africa, and the extreme southern edge of Mexico.

☞ In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time. Light face figures indicate A. M. time, heavy face P. M.

The Calendars for the Latitude of
Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of
New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of
Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas and Colorado.

JANUARY, 1918

| | | | |
|--------|--------------------------|-------|-------------------------|
| East'n | Last Qr. 5d. 6h.50m. M. | Cent' | Last Qr. 5d. 5h.50m. M. |
| | New M. 12d. 5h.36m. A. | | New M. 12d. 4h.36m. A. |
| | 1st Qr. 19d. 9h.38m. M. | | 1st Qr. 19d. 8h.38m. M. |
| | Full M. 26d. 10h.14m. A. | | Full M. 26d. 9h.14m. A. |

| Latitude of Boston and Chicago | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | |
|-----------------------------------|------------|-------|-----------------------------|-------|-----------------------------------|-------|
| D. | Sun | Moon | Sun | Moon | Sun | Moon |
| 1 | Tu. r7 30 | 9 11 | r7 24 | 9 12 | r7 19 | 9 15 |
| 2 | We. s4 39 | 10 11 | s4 44 | 10 11 | s4 49 | 10 12 |
| 3 | Th. r7 30 | 11 10 | r7 25 | 11 9 | r7 19 | 11 9 |
| 4 | Fri. s4 40 | morn | s4 45 | morn | s4 51 | morn |
| 5 | Sat. r7 30 | 0 10 | r7 25 | 0 8 | r7 19 | 0 7 |
| 6 | S s4 42 | 1 11 | s4 47 | 1 8 | s4 52 | 1 6 |
| 7 | Mo. r7 30 | 2 14 | r7 25 | 2 10 | r7 19 | 2 7 |
| 8 | Tu. s4 44 | 3 17 | s4 49 | 3 12 | s4 54 | 3 8 |
| 9 | We. r7 29 | 4 20 | r7 25 | 4 15 | r7 19 | 4 9 |
| 10 | Th. s4 46 | 5 22 | s4 51 | 5 16 | s4 56 | 5 10 |
| 11 | Fri. r7 29 | 6 17 | r7 24 | 6 11 | r7 19 | 6 6 |
| 12 | Sat. s4 48 | sets | s4 53 | sets | s4 58 | sets |
| 13 | S r7 28 | 6 4 | r7 24 | 6 7 | r7 18 | 6 12 |
| 14 | Mo. s4 50 | 7 20 | s4 55 | 7 22 | s5 0 | 7 26 |
| 15 | Tu. r7 28 | 8 36 | r7 23 | 8 37 | r7 18 | 8 39 |
| 16 | We. s4 53 | 9 51 | s4 58 | 9 51 | s5 2 | 9 51 |
| 17 | Th. r7 27 | 11 5 | r7 22 | 11 3 | r7 17 | 11 3 |
| 18 | Fri. s4 55 | morn | s5 0 | morn | s5 5 | morn |
| 19 | Sat. r7 25 | 0 18 | r7 21 | 0 15 | r7 16 | 0 13 |
| 20 | S s4 58 | 1 30 | s5 2 | 1 26 | s5 7 | 1 22 |
| 21 | Mo. r7 24 | 2 39 | r7 20 | 2 34 | r7 15 | 2 29 |
| 22 | Tu. s5 0 | 3 44 | s5 4 | 3 38 | s5 9 | 3 33 |
| 23 | We. r7 23 | 4 43 | r7 19 | 4 37 | r7 14 | 4 31 |
| 24 | Th. s5 3 | 5 33 | s5 7 | 5 27 | s5 11 | 5 22 |
| 25 | Fri. r7 21 | 6 14 | r7 17 | 6 9 | r7 13 | 6 4 |
| 26 | Sat. s5 5 | rises | s5 9 | rises | s5 13 | rises |
| 27 | S r7 20 | 5 58 | r7 16 | 6 1 | r7 12 | 6 4 |
| 28 | Mo. s5 8 | 6 59 | s5 12 | 7 1 | s5 16 | 7 3 |
| 29 | Tu. r7 18 | 7 59 | r7 14 | 8 0 | r7 10 | 8 1 |
| 30 | We. s5 10 | 8 59 | s5 14 | 8 59 | s5 18 | 8 59 |
| 31 | Th. r7 17 | 9 59 | r7 12 | 9 57 | r7 8 | 9 57 |

FEBRUARY, 1918

| | | | |
|--------|-------------------------|--------|-------------------------|
| East'n | Last Qr. 4d. 2h.52m. m. | Cent'l | Last Qr. 4d. 1h.52m. m. |
| | New M. 11d. 5h. 5m. m. | | New M. 11d. 4h. 5m. m. |
| | 1st Qr. 17d. 7h.57m. a. | | 1st Qr. 17d. 6h.57m. a. |
| | Full M. 25d. 4h.35m. a. | | Full M. 25d. 3h.35m. a. |

| Latitude of Boston and Chicago | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | |
|--------------------------------|------------|-------|--------------------------|-------|--------------------------------|-------|
| D. | Sun | Moon | Sun | Moon | Sun | Moon |
| 1 | Fri. r7 15 | 10 58 | r7 11 | 10 55 | r7 8 | 10 55 |
| 2 | Sat. s5 14 | 11 59 | s5 18 | 11 55 | s5 22 | 11 53 |
| 3 | S | morn | r7 10 | morn | r7 6 | morn |
| 4 | Mo. s5 17 | 1 0 | s5 20 | 0 56 | s5 24 | 0 51 |
| 5 | Tu. r7 11 | 2 2 | r7 7 | 1 57 | r7 4 | 1 51 |
| 6 | We. s5 19 | 3 4 | s5 23 | 2 53 | s5 26 | 2 52 |
| 7 | Th. r7 9 | 4 1 | r7 5 | 3 55 | r7 2 | 3 49 |
| 8 | Fri. s5 22 | 4 52 | s5 25 | 4 47 | s5 28 | 4 41 |
| 9 | Sat. r7 6 | 5 37 | r7 3 | 5 32 | r7 0 | 5 28 |
| 10 | S | s5 25 | s5 28 | 6 12 | s5 31 | 6 9 |
| 11 | Mo. r7 4 | sets | r7 1 | sets | r6 58 | sets |
| 12 | Tu. s5 27 | 7 28 | s5 30 | 7 28 | s5 33 | 7 29 |
| 13 | We. r7 1 | 8 46 | r6 58 | 8 45 | r6 55 | 8 45 |
| 14 | Th. s5 30 | 10 2 | s5 32 | 10 0 | s5 35 | 9 58 |
| 15 | Fri. r6 58 | 11 17 | r6 56 | 11 13 | r6 53 | 11 11 |
| 16 | Sat. s5 32 | morn | s5 35 | morn | s5 38 | morn |
| 17 | S | r6 56 | 0 29 | r6 53 | 0 24 | r6 50 |
| 18 | Mo. s5 35 | 1 36 | s5 37 | 1 31 | s5 40 | 1 25 |
| 19 | Tu. r6 53 | 2 37 | r6 50 | 2 31 | r6 48 | 2 25 |
| 20 | We. s5 37 | 3 30 | s5 40 | 3 24 | s5 42 | 3 19 |
| 21 | Th. r6 50 | 4 14 | r6 48 | 4 9 | r6 45 | 4 4 |
| 22 | Fri. s5 40 | 4 51 | s5 42 | 4 47 | s5 44 | 4 43 |
| 23 | Sat. r6 47 | 5 22 | r6 45 | 5 19 | r6 43 | 5 16 |
| 24 | S | s5 43 | 5 50 | s5 45 | 5 47 | 5 46 |
| 25 | Mo. r6 44 | rises | r6 42 | rises | r6 40 | rises |
| 26 | Tu. s5 45 | 6 50 | s5 47 | 6 50 | s5 49 | 6 51 |
| 27 | We. r6 41 | 7 50 | r6 39 | 7 49 | r6 37 | 7 49 |
| 28 | Th. s5 47 | 8 49 | s5 49 | 8 47 | s5 51 | 8 46 |
| .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. |

MARCH, 1918

| | | | |
|--------|--------------------------|--------|-------------------------|
| East'n | Last Qr. 5d. 7h.44m. a. | Cent'l | Last Qr. 5d. 6h.44m. a. |
| | New M. 12d. 2h.52m. a. | | New M. 12d. 1h.52m. a. |
| | 1st Qr. 19d. 8h.30m. m. | | 1st Qr. 19d. 7h.30m. m. |
| | Full M. 27d. 10h.33m. m. | | Full M. 27d. 9h.33m. m. |

| Latitude of Boston and Chicago | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | |
|--------------------------------|------------|-------|--------------------------|-------|--------------------------------|-------|
| D. | Sun | Moon | Sun | Moon | Sun | Moon |
| 1 | Fri. r6 38 | 9 50 | r6 36 | 9 47 | r6 34 | 9 45 |
| 2 | Sat. s5 50 | 10 51 | s5 51 | 10 47 | s5 53 | 10 44 |
| 3 | S | r6 34 | r6 33 | 11 46 | r6 31 | 11 42 |
| 4 | Mo. s5 52 | morn | s5 54 | morn | s5 55 | morn |
| 5 | Tu. r6 31 | 0 51 | r6 30 | 0 46 | r6 29 | 0 40 |
| 6 | We. s5 55 | 1 49 | s5 56 | 1 43 | s5 57 | 1 37 |
| 7 | Th. r6 28 | 2 41 | r6 27 | 2 36 | r6 26 | 2 30 |
| 8 | Fri. s5 57 | 3 27 | s5 58 | 3 22 | s5 59 | 3 17 |
| 9 | Sat. r6 24 | 4 8 | r6 24 | 4 4 | r6 23 | 4 0 |
| 10 | S | s5 59 | 4 44 | s6 0 | 4 41 | s6 1 |
| 11 | Mo. r6 21 | 5 15 | r6 20 | 5 13 | r6 20 | 5 13 |
| 12 | Tu. s6 2 | sets | s6 2 | sets | s6 3 | sets |
| 13 | We. r6 18 | 7 35 | r6 17 | 7 33 | r6 16 | 7 32 |
| 14 | Th. s6 4 | 8 54 | s6 5 | 8 51 | s6 5 | 8 49 |
| 15 | Fri. r6 14 | 10 10 | r6 14 | 10 6 | r6 13 | 10 2 |
| 16 | Sat. s6 6 | 11 22 | s6 7 | 11 17 | s6 7 | 11 12 |
| 17 | S | r6 11 | morn | r6 11 | morn | r6 10 |
| 18 | Mo. s6 9 | 0 27 | s6 9 | 0 21 | s6 9 | 0 16 |
| 19 | Tu. r6 7 | 1 24 | r6 7 | 1 18 | r6 7 | 1 13 |
| 20 | We. s6 11 | 2 12 | s6 11 | 2 7 | s6 11 | 2 1 |
| 21 | Th. r6 4 | 2 52 | r6 4 | 2 47 | r6 4 | 2 43 |
| 22 | Fri. s6 13 | 3 25 | s6 13 | 3 21 | s6 13 | 3 19 |
| 23 | Sat. r6 0 | 3 53 | r6 1 | 3 50 | r6 1 | 3 48 |
| 24 | S | s6 15 | 4 18 | s6 15 | 4 16 | s6 15 |
| 25 | Mo. r5 57 | 4 41 | r5 57 | 4 40 | r5 58 | 4 40 |
| 26 | Tu. s6 18 | 5 5 | s6 17 | 5 5 | s6 17 | 5 6 |
| 27 | We. r5 53 | rises | r5 54 | rises | r5 54 | rises |
| 28 | Th. s6 20 | 7 42 | s6 19 | 7 39 | s6 19 | 7 37 |
| 29 | Fri. r5 50 | 8 43 | r5 51 | 8 39 | r5 51 | 8 36 |
| 30 | Sat. s6 22 | 9 44 | s6 21 | 9 39 | s6 20 | 9 35 |
| 31 | S | r5 46 | 10 44 | r5 47 | 10 39 | r5 48 |

APRIL, 1918

| | | | |
|--------|---------------------------|-------|---------------------------|
| East'n | Last Qr. 4d. 5h. 26m. A. | Cent' | Last Qr. 4d. 5h. 26m. A. |
| | New M. 10d. 11h. 14m. A. | | New M. 10d. 11h. 14m. A. |
| | 1st Qr. 17d. 11h. 14m. A. | | 1st Qr. 17d. 11h. 14m. A. |
| | Full M. 23d. 11h. 14m. A. | | Full M. 23d. 11h. 14m. A. |

| Latitude of Boston and Chicago | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | |
|-----------------------------------|--|-----------------------------|--|-----------------------------------|--|
|-----------------------------------|--|-----------------------------|--|-----------------------------------|--|

| | | | | | | | | | |
|----|------|-------|-------|-------|-------|-------|-------|--|--|
| 1 | Mo. | r5 45 | 11 42 | r5 45 | 11 36 | r5 47 | 11 31 | | |
| 2 | Tu. | s6 26 | morn | s6 24 | morn | s6 23 | morn | | |
| 3 | We. | r5 41 | 0 35 | r5 40 | 0 29 | r5 44 | 0 24 | | |
| 4 | Th. | s6 28 | 1 31 | s6 27 | 1 16 | s6 25 | 1 11 | | |
| 5 | Fri. | r5 30 | 2 2 | r5 30 | 1 58 | r5 40 | 1 53 | | |
| 6 | Sat. | s6 30 | 2 39 | s6 29 | 2 36 | s6 27 | 2 33 | | |
| 7 | S | r5 34 | 3 12 | r5 34 | 3 10 | r5 37 | 3 9 | | |
| 8 | Mo. | s6 32 | 3 42 | s6 31 | 3 41 | s6 29 | 3 41 | | |
| 9 | Tu. | r5 31 | 4 11 | r5 32 | 4 11 | r5 34 | 4 13 | | |
| 10 | We. | s6 34 | sets | s6 33 | sets | s6 31 | sets | | |
| 11 | Th. | r5 25 | 7 40 | r5 25 | 7 36 | r5 31 | 7 34 | | |
| 12 | Fri. | s6 37 | 8 57 | s6 35 | 8 52 | s6 33 | 8 48 | | |
| 13 | Sat. | r5 24 | 10 9 | r5 26 | 10 4 | r5 30 | 9 53 | | |
| 14 | S | s6 39 | 11 12 | s6 37 | 11 6 | s6 35 | 11 1 | | |
| 15 | Mo. | r5 31 | morn | r5 29 | 11 59 | r5 25 | 11 54 | | |
| 16 | Tu. | s6 41 | 0 5 | s6 39 | morn | s6 37 | morn | | |
| 17 | We. | r5 13 | 0 49 | r5 20 | 0 44 | r5 22 | 0 39 | | |
| 18 | Th. | s6 44 | 1 26 | s6 41 | 1 22 | s6 39 | 1 18 | | |
| 19 | Fri. | r5 15 | 1 56 | r5 17 | 1 53 | r5 19 | 1 51 | | |
| 20 | Sat. | s6 46 | 2 22 | s6 43 | 2 20 | s6 41 | 2 19 | | |
| 21 | S | r5 12 | 2 46 | r5 14 | 2 45 | r5 17 | 2 45 | | |
| 22 | Mo. | s6 48 | 3 9 | s6 45 | 3 9 | s6 43 | 3 10 | | |
| 23 | Tu. | r5 8 | 3 31 | r5 11 | 3 32 | r5 14 | 3 34 | | |
| 24 | We. | s6 50 | 3 55 | s6 47 | 3 57 | s6 44 | 4 0 | | |
| 25 | Th. | r5 5 | 4 21 | r5 8 | 4 24 | r5 11 | 4 28 | | |
| 26 | Fri. | s6 52 | rises | s6 49 | rises | s6 46 | rises | | |
| 27 | Sat. | r5 2 | 8 37 | r5 5 | 8 32 | r5 9 | 8 27 | | |
| 28 | S | s6 54 | 9 35 | s6 51 | 9 30 | s6 48 | 9 24 | | |
| 29 | Mo. | r5 0 | 10 29 | r5 3 | 10 23 | r5 6 | 10 18 | | |
| 30 | Tu. | s6 57 | 11 18 | s6 53 | 11 13 | s6 50 | 11 7 | | |

MAY, 1918

| | | | |
|--------|--------------------------|-------|--------------------------|
| East'n | Last Qr. 3d. 5h. 26m. A. | Cent' | Last Qr. 3d. 4h. 20m. A. |
| | New M. 10d. 8h. 1m. M. | | New M. 10d. 7h. 1m. M. |
| | 1st Qr. 17d. 2h. 14m. A. | | 1st Qr. 17d. 2h. 14m. A. |
| | Full M. 23d. 5h. 32m. A. | | Full M. 23d. 4h. 32m. A. |

| | | |
|-----------------------------------|-----------------------------|-----------------------------------|
| Latitude of Boston and Chicago | Lat. of N. Y. and Phila. | Lat. of Wash. Cin. & St. Louis |
|-----------------------------------|-----------------------------|-----------------------------------|

| | | | | | | | | | |
|----|------|-------|-------|-------|-------|-------|-------|--|--|
| 1 | We. | r4 57 | morn | r5 0 | 11 56 | r5 4 | 11 52 | | |
| 2 | Th. | s6 59 | 0 1 | s6 55 | morn | s6 52 | morn | | |
| 3 | Fri. | r4 54 | 0 38 | r4 58 | 0 34 | r5 1 | 0 32 | | |
| 4 | Sat. | s7 1 | 1 11 | s6 58 | 1 8 | s6 54 | 1 7 | | |
| 5 | S | r4 51 | 1 41 | r4 55 | 1 40 | r4 59 | 1 39 | | |
| 6 | Mo. | s7 3 | 2 10 | s7 0 | 2 10 | s6 56 | 2 11 | | |
| 7 | Tu. | r4 49 | 2 40 | r4 53 | 2 41 | r4 57 | 2 43 | | |
| 8 | We. | s7 6 | 3 12 | s7 2 | 3 14 | s6 58 | 3 18 | | |
| 9 | Th. | r4 46 | 3 47 | r4 50 | 3 51 | r4 54 | 3 55 | | |
| 10 | Fri. | s7 8 | sets | s7 4 | sets | s7 0 | sets | | |
| 11 | Sat. | r4 44 | 8 53 | r4 48 | 8 48 | r4 52 | 8 42 | | |
| 12 | S | s7 10 | 9 52 | s7 6 | 9 47 | s7 1 | 9 41 | | |
| 13 | Mo. | r4 42 | 10 41 | r4 46 | 10 36 | r4 50 | 10 31 | | |
| 14 | Tu. | s7 12 | 11 21 | s7 8 | 11 17 | s7 3 | 11 13 | | |
| 15 | We. | r4 40 | 11 55 | r4 44 | 11 52 | r4 48 | 11 49 | | |
| 16 | Th. | s7 14 | morn | s7 10 | morn | s7 5 | morn | | |
| 17 | Fri. | r4 38 | 0 24 | r4 42 | 0 22 | r4 47 | 0 20 | | |
| 18 | Sat. | s7 16 | 0 49 | s7 12 | 0 48 | s7 7 | 0 47 | | |
| 19 | S | r4 36 | 1 12 | r4 40 | 1 12 | r4 45 | 1 12 | | |
| 20 | Mo. | s7 18 | 1 35 | s7 14 | 1 36 | s7 9 | 1 37 | | |
| 21 | Tu. | r4 34 | 1 59 | r4 38 | 2 1 | r4 43 | 2 3 | | |
| 22 | We. | s7 20 | 2 24 | s7 15 | 2 27 | s7 10 | 2 30 | | |
| 23 | Th. | r4 32 | 2 51 | r4 37 | 2 55 | r4 42 | 2 59 | | |
| 24 | Fri. | s7 22 | 3 23 | s7 17 | 3 27 | s7 12 | 3 33 | | |
| 25 | Sat. | r4 30 | rises | r4 35 | rises | r4 41 | rises | | |
| 26 | S | s7 24 | 8 26 | s7 19 | 8 20 | s7 14 | 8 15 | | |
| 27 | Mo. | r4 29 | 9 17 | r4 34 | 9 12 | r4 39 | 9 6 | | |
| 28 | Tu. | s7 26 | 10 1 | s7 21 | 9 56 | s7 15 | 9 51 | | |
| 29 | We. | r4 28 | 10 40 | r4 33 | 10 36 | r4 38 | 10 32 | | |
| 30 | Th. | s7 27 | 11 14 | s7 22 | 11 11 | s7 17 | 11 9 | | |
| 31 | Fri. | r4 27 | 11 44 | r4 32 | 11 42 | r4 37 | 11 42 | | |

JUNE, 1918

| | | | |
|--------|---------------------------|--------|---------------------------|
| East'n | Last Qr. 1d. 11h. 20m. A. | Cent'l | Last Qr. 1d. 10h. 20m. A. |
| | New M. 8d. 5h. 3m. A. | | New M. 8d. 4h. 3m. A. |
| | 1st Qr. 16d. 8h. 12m. M. | | 1st Qr. 16d. 7h. 12m. M. |
| | Full M. 24d. 5h. 38m. M. | | Full M. 24d. 4h. 38m. M. |

| Latitude of Boston and Chicago | | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | |
|-----------------------------------|------|-------|-------|-----------------------------|-------|-----------------------------------|-------|
| D. | | Sun | Moon | Sun | Moon | Sun | Moon |
| 1 | Sat. | r4 26 | morn | r4 31 | morn | r4 37 | morn |
| 2 | S | 87 30 | 0 13 | 87 24 | 0 12 | 87 19 | 0 13 |
| 3 | Mo. | r4 26 | 0 41 | r4 30 | 0 42 | r4 36 | 0 43 |
| 4 | Tu. | 87 31 | 1 11 | 87 26 | 1 13 | 87 20 | 1 16 |
| 5 | We. | r4 24 | 1 43 | r4 30 | 1 46 | r4 35 | 1 50 |
| 6 | Th. | 87 33 | 2 20 | 87 27 | 2 24 | 87 22 | 2 29 |
| 7 | Fri. | r4 24 | 3 5 | r4 29 | 3 10 | r4 35 | 3 16 |
| 8 | Sat. | 87 34 | sets | 87 28 | sets | 87 23 | sets |
| 9 | S | r4 23 | 8 30 | r4 29 | 8 25 | r4 34 | 8 19 |
| 10 | Mo. | 87 35 | 9 15 | 87 30 | 9 10 | 87 24 | 9 6 |
| 11 | Tu. | r4 22 | 9 52 | r4 28 | 9 48 | r4 34 | 9 45 |
| 12 | We. | 87 36 | 10 23 | 87 31 | 10 20 | 87 25 | 10 18 |
| 13 | Th. | r4 22 | 10 50 | r4 28 | 10 48 | r4 34 | 10 47 |
| 14 | Fri. | 87 37 | 11 14 | 87 32 | 11 13 | 87 26 | 11 13 |
| 15 | Sat. | r4 22 | 11 37 | r4 29 | 11 37 | r4 34 | 11 38 |
| 16 | S | 87 38 | morn | 87 32 | morn | 87 27 | morn |
| 17 | Mo. | r4 22 | 0 0 | r4 28 | 0 1 | r4 34 | 0 3 |
| 18 | Tu. | 87 39 | 0 24 | 87 33 | 0 26 | 87 27 | 0 29 |
| 19 | We. | r4 22 | 0 51 | r4 28 | 0 54 | r4 34 | 0 58 |
| 20 | Th. | 87 39 | 1 22 | 87 34 | 1 26 | 87 28 | 1 31 |
| 21 | Fri. | r4 23 | 1 58 | r4 28 | 2 3 | r4 34 | 2 9 |
| 22 | Sat. | 87 40 | 2 40 | 87 34 | 2 46 | 87 28 | 2 52 |
| 23 | S | r4 23 | 3 31 | r4 29 | 3 37 | r4 35 | 3 43 |
| 24 | Mo. | 87 40 | rises | 87 35 | rises | 87 29 | rises |
| 25 | Tu. | r4 24 | 8 40 | r4 29 | 8 36 | r4 35 | 8 31 |
| 26 | We. | 87 40 | 9 16 | 87 35 | 9 13 | 87 29 | 9 10 |
| 27 | Th. | r4 24 | 9 48 | r4 30 | 9 46 | r4 36 | 9 45 |
| 28 | Fri. | 87 40 | 10 17 | 87 35 | 10 16 | 87 29 | 10 16 |
| 29 | Sat. | r4 25 | 10 45 | r4 31 | 10 45 | r4 36 | 10 47 |
| 30 | S | 87 40 | 11 14 | 87 35 | 11 16 | 87 29 | 11 18 |

JULY, 1918

| | | | |
|--------|---------------------------|--------|---------------------------|
| East'n | Last Qr. 1d. 3h. 43m. M. | Cent'l | Last Qr. 1d. 2h. 43m. M. |
| | New M. 8d. 3h. 22m. M. | | New M. 8d. 2h. 22m. M. |
| | 1st Qr. 16d. 1h. 25m. M. | | 1st Qr. 16d. 0h. 25m. M. |
| | Full M. 23d. 3h. 30m. A. | | Full M. 23d. 2h. 30m. A. |
| East'n | Last Qr. 30d. 8h. 14m. M. | Cent'l | Last Qr. 30d. 7h. 14m. M. |
| | New M. 8d. 3h. 22m. M. | | New M. 8d. 2h. 22m. M. |
| | 1st Qr. 16d. 1h. 25m. M. | | 1st Qr. 16d. 0h. 25m. M. |
| | Full M. 23d. 3h. 30m. A. | | Full M. 23d. 2h. 30m. A. |

| Latitude of Boston and Chicago | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Ctn. & St. Louis | |
|-----------------------------------|-------|-------|-----------------------------|-------|-----------------------------------|-------|
| D. | Sun | Moon | Sun | Moon | Sun | Moon |
| 1 Mo. | r4 26 | 11 45 | r4 32 | 11 48 | r4 37 | 11 51 |
| 2 Tu. | 87 40 | morn | 87 35 | morn | 87 29 | morn |
| 3 We. | r4 27 | 0 20 | r4 33 | 0 24 | r4 38 | 0 29 |
| 4 Th. | 87 40 | 1 0 | 87 34 | 1 6 | 87 29 | 1 10 |
| 5 Fri. | r4 28 | 1 46 | r4 34 | 1 52 | r4 39 | 1 58 |
| 6 Sat. | 87 39 | 2 40 | 87 34 | 2 46 | 87 28 | 2 52 |
| 7 S | r4 29 | 3 41 | r4 35 | 3 46 | r4 40 | 3 53 |
| 8 Mo. | 87 39 | sets | 87 33 | sets | 87 28 | sets |
| 9 Tu | r4 31 | 8 22 | r4 37 | 8 19 | r4 42 | 8 16 |
| 10 We. | 87 38 | 8 51 | 87 33 | 8 49 | 87 27 | 8 47 |
| 11 Th. | r4 32 | 9 17 | r4 38 | 9 16 | r4 43 | 9 15 |
| 12 Fri. | 87 37 | 9 41 | 87 32 | 9 41 | 87 26 | 9 42 |
| 13 Sat. | r4 33 | 10 4 | r4 39 | 10 5 | r4 44 | 10 7 |
| 14 S | 87 36 | 10 27 | 87 31 | 10 29 | 87 26 | 10 32 |
| 15 Mo. | r4 35 | 10 52 | r4 40 | 10 55 | r4 46 | 10 59 |
| 16 Tu. | 87 35 | 11 21 | 87 30 | 11 25 | 87 24 | 11 29 |
| 17 We. | r4 37 | 11 54 | r4 42 | 11 59 | r4 47 | morn |
| 18 Th. | 87 34 | morn | 87 29 | morn | 87 23 | 0 4 |
| 19 Fri. | r4 38 | 0 33 | r4 43 | 0 33 | r4 49 | 0 44 |
| 20 Sat. | 87 32 | 1 20 | 87 27 | 1 25 | 87 22 | 1 32 |
| 21 S | r4 40 | 2 15 | r4 45 | 2 20 | r4 50 | 2 27 |
| 22 Mo. | 87 30 | 3 17 | 87 26 | 3 22 | 87 21 | 3 28 |
| 23 Tu. | r4 42 | rises | r4 47 | rises | r4 52 | rises |
| 24 We. | 87 29 | 7 48 | 87 24 | 7 45 | 87 19 | 7 44 |
| 25 Th. | r4 44 | 8 18 | r4 49 | 8 17 | r4 53 | 8 16 |
| 26 Fri. | 87 27 | 8 48 | 87 22 | 8 48 | 87 18 | 8 49 |
| 27 Sat. | r4 46 | 9 18 | r4 50 | 9 19 | r4 55 | 9 21 |
| 28 S | 87 25 | 9 48 | 87 21 | 9 50 | 87 18 | 9 54 |
| 29 Mo. | r4 48 | 10 21 | r4 52 | 10 24 | r4 57 | 10 29 |
| 30 Tu. | 87 23 | 10 59 | 87 19 | 11 3 | 87 14 | 11 9 |
| 31 We. | r4 50 | 11 45 | r4 54 | 11 50 | r4 59 | 11 56 |

AUGUST, 1918

| East'n | Cent'l |
|-------------------------|-------------------------|
| New M. 6d. 3h.30m. A. | New M. 6l. 2h.30m. A. |
| 1st Qr. 14d. 6h.16m. A. | 1st Qr. 14d. 5h.16m. A. |
| Full M. 22d. 0h. 2m. M. | Full M. 21d.11h. 2m. A. |
| Last Qr.28d. 2h.27m. A. | Last Qr.23d. 1h.27m. A. |

| | | |
|-----------------------------------|-----------------------------|-----------------------------------|
| Latitude of Boston and Chicago | Lat. of N. Y. and Phila. | Lat. of Wash. Cin. & St. Louis |
|-----------------------------------|-----------------------------|-----------------------------------|

| D. | | Sun | Moon | Sun | Moon | Sun | Moon |
|----|------|-------|-------|-------|-------|-------|-------|
| 1 | Th. | r4 51 | morn | r4 55 | morn | r5 0 | morn |
| 2 | Fri. | s7 20 | 0 37 | s7 16 | 0 42 | s7 11 | 0 49 |
| 3 | Sat. | r4 53 | 1 34 | r4 57 | 1 39 | r5 1 | 1 46 |
| 4 | S | s7 17 | 2 35 | s7 13 | 2 40 | s7 9 | 2 46 |
| 5 | Mo. | r4 55 | 3 40 | r4 59 | 3 44 | r5 3 | 3 49 |
| 6 | Tu. | s7 15 | sets | s7 11 | sets | s7 7 | sets |
| 7 | We. | r4 57 | 7 20 | r5 1 | 7 18 | r5 5 | 7 18 |
| 8 | Th. | s7 12 | 7 44 | s7 9 | 7 43 | s7 5 | 7 44 |
| 9 | Fri. | r4 59 | 8 8 | r5 3 | 8 8 | r5 6 | 8 10 |
| 10 | Sat. | s7 10 | 8 31 | s7 6 | 8 32 | s7 2 | 8 35 |
| 11 | S | r5 1 | 8 56 | r5 5 | 8 53 | r5 8 | 9 2 |
| 12 | Mo. | s7 7 | 9 23 | s7 4 | 9 26 | s7 0 | 9 31 |
| 13 | Tu. | r5 3 | 9 53 | r5 7 | 9 57 | r5 10 | 10 2 |
| 14 | We. | s7 4 | 10 29 | s7 1 | 10 34 | s6 57 | 10 40 |
| 15 | Th. | r5 5 | 11 11 | r5 9 | 11 16 | r5 12 | 11 23 |
| 16 | Fri. | s7 1 | morn | s6 58 | morn | s6 55 | morn |
| 17 | Sat. | r5 8 | 0 1 | r5 11 | 0 6 | r5 14 | 0 13 |
| 18 | S | s6 58 | 1 0 | s6 55 | 1 5 | s6 52 | 1 12 |
| 19 | Mo. | r5 10 | 2 5 | r5 13 | 2 10 | r5 16 | 2 15 |
| 20 | Tu. | s6 55 | 3 15 | s6 52 | 3 19 | s6 50 | 3 23 |
| 21 | We. | r5 12 | 4 28 | r5 15 | 4 31 | r5 17 | 4 34 |
| 22 | Th. | s6 52 | rises | s6 50 | rises | s6 47 | rises |
| 23 | Fri. | r5 14 | 7 18 | r5 17 | 7 19 | r5 19 | 7 20 |
| 24 | Sat. | s6 49 | 7 50 | s6 47 | 7 52 | s6 44 | 7 55 |
| 25 | S | r5 16 | 8 23 | r5 19 | 8 26 | r5 21 | 8 30 |
| 26 | Mo. | s6 46 | 9 0 | s6 43 | 9 4 | s6 41 | 9 9 |
| 27 | Tu. | r5 18 | 9 43 | r5 21 | 9 48 | r5 23 | 9 54 |
| 28 | We. | s6 43 | 10 32 | s6 40 | 10 37 | s6 39 | 10 44 |
| 29 | Th. | r5 20 | 11 28 | r5 23 | 11 33 | r5 25 | 11 40 |
| 30 | Fri. | s6 39 | morn | s6 37 | morn | s6 35 | morn |
| 31 | Sat. | r5 22 | 0 30 | r5 24 | 0 35 | r5 27 | 1 41 |

SEPTEMBER, 1918

| East'n | Cent'l |
|-------------------------|-------------------------|
| New M. 5d. 5h.44m. m. | New M. 5d. 4h.44m. m. |
| 1st Qr. 13d.10h. 2m. m. | 1st Qr. 13d. 9h. 2m. m. |
| Full M. 20d. 8h. 1m. m. | Full M. 20d. 7h. 1m. m. |
| Last Qr. 26d.11h.39m. ▲ | Last Qr. 26d.10h.39m. ▲ |

| | | |
|-----------------------------------|-----------------------------|-----------------------------------|
| Latitude of Boston and Chicago | Lat. of N. Y. and Phila. | Lat. of Wash. Cin. & St. Louis |
|-----------------------------------|-----------------------------|-----------------------------------|

| D. | | Sun | Moon | Sun | Moon | Sun | Moon |
|----|------|-------|-------|-------|-------|-------|-------|
| 1 | S | r5 23 | 1 33 | r5 25 | 1 37 | r5 28 | 1 43 |
| 2 | Mo. | s6 34 | 2 36 | s6 32 | 2 40 | s6 31 | 2 44 |
| 3 | Tu. | r5 26 | 3 39 | r5 27 | 3 42 | r5 29 | 3 45 |
| 4 | We. | s6 31 | 4 41 | s6 29 | 4 43 | s6 27 | 4 44 |
| 5 | Th. | r5 28 | sets | r5 29 | sets | r5 31 | sets |
| 6 | Fri. | s6 28 | 6 36 | s6 26 | 6 37 | s6 24 | 6 39 |
| 7 | Sat. | r5 30 | 7 0 | r5 31 | 7 2 | r5 33 | 7 5 |
| 8 | S | s6 24 | 7 27 | s6 23 | 7 30 | s6 21 | 7 34 |
| 9 | Mo. | r5 32 | 7 56 | r5 33 | 8 0 | r5 35 | 8 5 |
| 10 | Tu. | s6 21 | 8 29 | s6 19 | 8 34 | s6 18 | 8 39 |
| 11 | We. | r5 34 | 9 8 | r5 35 | 9 13 | r5 37 | 9 19 |
| 12 | Th. | s6 17 | 9 54 | s6 16 | 9 59 | s6 15 | 10 6 |
| 13 | Fri. | r5 36 | 10 46 | r5 37 | 10 51 | r5 38 | 10 58 |
| 14 | Sat. | s6 14 | 11 46 | s6 13 | 11 51 | s6 12 | 11 57 |
| 15 | S | r5 38 | morn | r5 39 | morn | r5 40 | morn |
| 16 | Mo. | s6 10 | 0 53 | s6 9 | 0 57 | s6 9 | 1 2 |
| 17 | Tu. | r5 40 | 2 4 | r5 41 | 2 7 | r5 42 | 2 11 |
| 18 | We. | s6 7 | 3 17 | s6 6 | 3 19 | s6 6 | 3 22 |
| 19 | Th. | r5 43 | 4 33 | r5 43 | 4 34 | r5 44 | 4 36 |
| 20 | Fri. | s6 3 | rises | s6 3 | rises | s6 2 | rises |
| 21 | Sat. | r5 45 | 6 19 | r5 45 | 6 21 | r5 45 | 6 25 |
| 22 | S | s6 0 | 6 57 | s5 59 | 7 1 | s5 59 | 7 5 |
| 23 | Mo. | r5 47 | 7 40 | r5 47 | 7 45 | r5 47 | 7 50 |
| 24 | Tu. | s5 56 | 8 28 | s5 56 | 8 33 | s5 56 | 8 39 |
| 25 | We. | r5 49 | 9 23 | r5 49 | 9 28 | r5 49 | 9 35 |
| 26 | Th. | s5 52 | 10 23 | s5 53 | 10 28 | s5 53 | 10 34 |
| 27 | Fri. | r5 51 | 11 26 | r5 51 | 11 31 | r5 51 | 11 36 |
| 28 | Sat. | s5 49 | morn | s5 49 | morn | s5 49 | morn |
| 29 | S | r5 53 | 0 30 | r5 53 | 0 34 | r5 53 | 0 39 |
| 30 | Mo. | s5 45 | 1 33 | s5 46 | 1 36 | s5 46 | 1 40 |

| OCTOBER, 1918 | | | | | | | | | |
|--------------------------------|---------------------------|-------|-------|--|--------------------------|---------------------------|--------------------------------|-------|--|
| East'n | New M. 4d. 10h. 5m. A. | | | | Cent'l | New M. 4i. 9h. 5m. A. | | | |
| | 1st Qr. 13d. 0h. 0m. M. | | | | | 1st Qr. 12d. 11h. 0m. A. | | | |
| | Full M. 19d. 4h. 35m. A. | | | | | Full M. 19d. 3h. 35m. A. | | | |
| | Last Qr. 26d. 0h. 35m. A. | | | | | Last Qr. 26d 11h. 35m. M. | | | |
| Latitude of Boston and Chicago | | | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | | |
| D. | Sun | Moon | | | Sun | Moon | Sun | Moon | |
| 1 | Tu. | r5 56 | 2 35 | | r5 55 | 2 37 | r5 54 | 2 40 | |
| 2 | We. | s5 42 | 3 35 | | s5 42 | 3 36 | s5 43 | 3 33 | |
| 3 | Th. | r5 58 | 4 35 | | r5 57 | 4 38 | r5 56 | 4 36 | |
| 4 | Fri. | s5 38 | 5 33 | | s5 39 | 5 32 | s5 40 | 5 32 | |
| 5 | Sat. | r6 0 | sets | | r5 59 | sets | r5 58 | sets | |
| 6 | S | s5 35 | 5 59 | | s5 36 | 6 2 | s5 37 | 6 7 | |
| 7 | Mo. | r6 2 | 6 30 | | r6 1 | 6 34 | r6 0 | 6 40 | |
| 8 | Tu. | s5 32 | 7 7 | | s5 33 | 7 12 | s5 34 | 7 18 | |
| 9 | We. | r6 4 | 7 50 | | r6 3 | 7 55 | r6 2 | 8 2 | |
| 10 | Th. | s5 28 | 8 40 | | s5 29 | 8 45 | s5 31 | 8 52 | |
| 11 | Fri. | r6 7 | 9 37 | | r6 6 | 9 42 | r6 4 | 9 48 | |
| 12 | Sat. | s5 25 | 10 39 | | s5 26 | 10 43 | s5 28 | 10 49 | |
| 13 | S | r6 9 | 11 45 | | r6 8 | 11 49 | r6 6 | 11 53 | |
| 14 | Mo. | s5 22 | morn | | s5 23 | morn | s5 25 | morn | |
| 15 | Tu. | r6 12 | 0 55 | | r6 10 | 0 58 | r6 8 | 1 1 | |
| 16 | We. | s5 18 | 2 7 | | s5 20 | 2 8 | s5 22 | 2 11 | |
| 17 | Th. | r6 14 | 3 21 | | r6 12 | 3 21 | r6 10 | 3 22 | |
| 18 | Fri. | s5 15 | 4 38 | | s5 17 | 4 37 | s5 19 | 4 37 | |
| 19 | Sat. | r6 16 | 5 57 | | r6 14 | 5 55 | r6 12 | 5 53 | |
| 20 | S | s5 12 | rises | | s5 14 | rises | s5 16 | rises | |
| 21 | Mo. | r6 18 | 6 16 | | r6 16 | 6 21 | r6 14 | 6 27 | |
| 22 | Tu. | s5 9 | 7 11 | | s5 11 | 7 16 | s5 14 | 7 23 | |
| 23 | We. | r6 21 | 8 11 | | r6 19 | 8 16 | r6 16 | 8 23 | |
| 24 | Th. | s5 6 | 9 15 | | s5 8 | 9 20 | s5 11 | 9 26 | |
| 25 | Fri. | r6 23 | 10 21 | | r6 21 | 10 25 | r6 18 | 10 30 | |
| 26 | Sat. | s5 3 | 11 25 | | s5 6 | 11 28 | s5 8 | 11 32 | |
| 27 | S | r6 26 | morn | | r6 23 | morn | r6 21 | morn | |
| 28 | Mo. | s5 0 | 0 27 | | s5 3 | 0 29 | s5 6 | 0 32 | |
| 29 | Tu. | r6 28 | 1 28 | | r6 25 | 1 29 | r6 23 | 1 31 | |
| 30 | We. | s4 58 | 2 28 | | s5 0 | 2 28 | s5 3 | 2 29 | |
| 31 | Th. | r6 31 | 3 27 | | r6 28 | 3 26 | r6 25 | 3 26 | |

| NOVEMBER, 1918 | | | | | | | | | |
|--------------------------------|---------------------------|-------|-------|--------------------------|---------------------------|--------------------------------|-------|--|--|
| East'n | New M. 3d. 4h. 2m. A. | | | Cent'l | New M. 3d. 3h. 2m. A. | | | | |
| | 1st Qr. 11d. 11h. 46m. M. | | | | 1st Qr. 11d. 10h. 46m. M. | | | | |
| | Full M. 18d. 2h. 33m. M. | | | | Full M. 18d. 1h. 33m. M. | | | | |
| | Last Qr. 25d. 5h. 25m. M. | | | | Last Qr. 25d. 4h. 25m. M. | | | | |
| Latitude of Boston and Chicago | | | | Lat. of N. Y. and Phila. | | Lat. of Wash. Cin. & St. Louis | | | |
| D. | Sun | Moon | | Sun | Moon | Sun | Moon | | |
| 1 | Fri. | r6 32 | 4 26 | r6 29 | 4 24 | r6 26 | 4 23 | | |
| 2 | Sat. | s4 54 | 5 25 | s4 57 | 5 22 | s5 0 | 5 20 | | |
| 3 | S | r6 34 | 6 25 | r6 31 | 6 21 | r6 28 | 6 19 | | |
| 4 | Mo. | s4 51 | sets | s4 54 | sets | s4 58 | sets | | |
| 5 | Tu. | r6 37 | 5 50 | r6 34 | 5 55 | r6 30 | 6 1 | | |
| 6 | We. | s4 49 | 6 37 | s4 52 | 6 42 | s4 55 | 6 49 | | |
| 7 | Th. | r6 40 | 7 31 | r6 36 | 7 36 | r6 33 | 7 42 | | |
| 8 | Fri. | s4 46 | 8 31 | s4 50 | 8 36 | s4 53 | 8 41 | | |
| 9 | Sat. | r6 42 | 9 35 | r6 38 | 9 39 | r6 35 | 9 44 | | |
| 10 | S | s4 44 | 10 42 | s4 48 | 10 45 | s4 51 | 10 49 | | |
| 11 | Mo. | r6 45 | 11 51 | r6 41 | 11 53 | r6 37 | 11 56 | | |
| 12 | Tu. | s4 42 | morn | s4 46 | morn | s4 50 | morn | | |
| 13 | We. | r6 47 | 1 1 | r6 43 | 1 2 | r6 39 | 1 3 | | |
| 14 | Th. | s4 40 | 2 13 | s4 44 | 2 12 | s4 48 | 2 13 | | |
| 15 | Fri. | r6 50 | 3 27 | r6 46 | 3 25 | r6 42 | 3 24 | | |
| 16 | Sat. | s4 39 | 4 44 | s4 42 | 4 41 | s4 46 | 4 39 | | |
| 17 | S | r6 52 | 6 2 | r6 48 | 5 58 | r6 44 | 5 55 | | |
| 18 | Mo. | s4 37 | rises | s4 41 | rises | s4 45 | rises | | |
| 19 | Tu. | r6 55 | 5 51 | r6 50 | 5 56 | r6 46 | 6 3 | | |
| 20 | We. | s4 35 | 6 56 | s4 39 | 7 1 | s4 44 | 7 7 | | |
| 21 | Th. | r6 57 | 8 3 | r6 53 | 8 7 | r6 48 | 8 13 | | |
| 22 | Fri. | s4 34 | 9 10 | s4 38 | 9 13 | s4 43 | 9 18 | | |
| 23 | Sat. | r6 59 | 10 16 | r6 55 | 10 19 | r6 50 | 10 22 | | |
| 24 | S | s4 32 | 11 19 | s4 37 | 11 21 | s4 42 | 11 23 | | |
| 25 | Mo. | r7 2 | morn | r6 57 | morn | r6 52 | morn | | |
| 26 | Tu. | s4 31 | 0 20 | s4 36 | 0 20 | s4 41 | 0 22 | | |
| 27 | We. | r7 4 | 1 19 | r6 59 | 1 18 | r6 55 | 1 19 | | |
| 28 | Th. | s4 30 | 2 18 | s4 35 | 2 16 | s4 40 | 2 16 | | |
| 29 | Fri. | r7 6 | 3 17 | r7 1 | 3 14 | r6 57 | 3 13 | | |
| 30 | Sat. | s4 29 | 4 16 | s4 35 | 4 13 | s4 39 | 4 10 | | |

DECEMBER, 1918

| | | | | | |
|--------|----------|------------------|--------|----------|------------------|
| East'n | New M. | 34. 10h. 19m. M. | Cent'l | New M. | 34. 9h. 19m. M. |
| | 1st Qr. | 10d. 9h. 31m. A. | | 1st Qr. | 10d. 8h. 31m. A. |
| | Full M. | 17d. 2h. 17m. A. | | Full M. | 17d. 1h. 17m. A. |
| | Last Qr. | 25d. 1h. 31m. M. | | Last Qr. | 25d. 0h. 31m. M. |

Latitude of Boston
and Chicago

Lat. of N. Y.
and Phila.

Lat. of Wash.
Cin. & St. Louis

| D. | | Sun | Moon | Sun | Moon | Sun | Moon |
|----|------|-------|-------|-------|-------|-------|-------|
| 1 | S | r7 8 | 5 15 | r7 3 | 5 11 | r6 58 | 5 7 |
| 2 | Mo. | s4 29 | 6 13 | s4 34 | 6 8 | s4 39 | 6 3 |
| 3 | Tu. | r7 10 | sets | r7 5 | sets | r7 0 | sets |
| 4 | We. | s4 28 | 5 27 | s4 33 | 5 32 | s4 38 | 5 39 |
| 5 | Th. | r7 13 | 6 25 | r7 7 | 6 39 | r7 2 | 6 36 |
| 6 | Fri. | s4 28 | 7 28 | s4 33 | 7 32 | s4 38 | 7 37 |
| 7 | Sat. | r7 15 | 8 34 | r7 9 | 8 37 | r7 4 | 8 41 |
| 8 | S | s4 28 | 9 41 | s4 33 | 9 43 | s4 38 | 9 46 |
| 9 | Mo. | r7 17 | 10 49 | r7 11 | 10 50 | r7 6 | 10 52 |
| 10 | Tu. | s4 28 | 11 59 | s4 33 | 11 59 | s4 38 | morn |
| 11 | We. | r7 18 | morn | r7 13 | morn | r7 8 | 0 0 |
| 12 | Th. | s4 23 | 1 11 | s4 33 | 1 10 | s4 38 | 1 9 |
| 13 | Fri. | r7 20 | 2 24 | r7 15 | 2 21 | r7 9 | 2 20 |
| 14 | Sat. | s4 28 | 3 38 | s4 33 | 3 34 | s4 39 | 3 32 |
| 15 | S | r7 22 | 4 51 | r7 16 | 4 46 | r7 11 | 4 43 |
| 16 | Mo. | s4 29 | 6 3 | s4 34 | 5 58 | s4 39 | 5 53 |
| 17 | Tu. | r7 23 | rises | r7 18 | rises | r7 12 | rises |
| 18 | We. | s4 29 | 5 41 | s4 34 | 5 46 | s4 40 | 5 52 |
| 19 | Th. | r7 24 | 6 50 | r7 19 | 6 54 | r7 14 | 6 59 |
| 20 | Fri. | s4 30 | 7 58 | s4 35 | 8 1 | s4 41 | 8 5 |
| 21 | Sat. | r7 26 | 9 3 | r7 20 | 9 5 | r7 15 | 9 8 |
| 22 | S | s4 31 | 10 6 | s4 36 | 10 7 | s4 42 | 10 9 |
| 23 | Mo. | r7 27 | 11 7 | r7 21 | 11 7 | r7 16 | 11 8 |
| 24 | Tu. | s4 32 | morn | s4 37 | morn | s4 43 | morn |
| 25 | We. | r7 27 | 0 7 | r7 22 | 0 6 | r7 17 | 0 6 |
| 26 | Th. | s4 33 | 1 6 | s4 38 | 1 4 | s4 44 | 1 3 |
| 27 | Fri. | r7 28 | 2 5 | r7 23 | 2 2 | r7 17 | 2 0 |
| 28 | Sat. | s4 34 | 3 4 | s4 40 | 3 0 | s4 45 | 2 57 |
| 29 | S | r7 29 | 4 3 | r7 24 | 3 58 | r7 18 | 3 54 |
| 30 | Mo. | s4 36 | 5 1 | s4 41 | 4 56 | s4 47 | 4 51 |
| 31 | Tu. | r7 29 | 5 55 | r7 24 | 5 50 | r7 19 | 5 44 |

Ther Tues. Jan. 1, 1918 Wea

Ther Wednesday 2 Wea

2 Ther Thursday 3 Wea

Ther Fri. Jan. 4, 1918 Wea

Ther Mon. Jan. 7, 1918 Wea

Ther Saturday 5 Wea

Rejected for en-
listment in Naval
Aviation at
Navy Yard

Ther Sunday 6 Wea

Ther Tuesday 8 Wea

Ther Wednesday 9 Wea

Ther Wed. May 22, 1918 Wea

Rejected for service
in Infantry, and
Tank Corps.

Ther Thursday 23 Wea

Ther Friday 24 Wea

Ther Sat. May 25, 1918 Wea

Enlisted in C. A. C
at Boston.

Ther Sunday 26 Wea

Ther Monday 27 Wea

Ther Tues. May 28, 1918 Wea

*Left home for
St. Revere.*

Ther Wednesday 29 Wea

Ther Thursday 30 Wea

*Sworn into
service at
St. Revere*

Ther Fri. May 31, 1918 Wea

Ther Saturday, June 1 Wea

Ther Sunday 2 Wea

Ther Sun. June 9, 1918 Wea

*Home on 24th
pass*

Ther Monday 10 Wea

Ther Wed. June 12, 1918 Wea

Ther Thursday 13 Wea

*Transferred to
Ft. Andrews.
Battery E.
71st Regiment.*

Ther Tuesday 11 Wea

Ther Friday 14 Wea

Ther Wed. July 3, 1918 Wea

Ther Sat. July 6, 1918 Wea

Ther Thursday 4 Wea

Ther Sunday 7 Wea

Home on 24 hr. pass

Ther Friday 5 Wea

Ther Monday 8 Wea

Ther Sat. July 27, 1918 Wea

Ther Sunday 28 Wea

Ther Monday 29 Wea

Ther Tues. July 30, 1918 Wea

Left Ft. Andrews.
Arrived on trans-
port at night.
S-S. ANSLEM.

Ther Wednesday 31 Wea

Pulled out of Boston
harbor about 8 A.M.
for Halifax

Ther Thursday, Aug. 1 Wea

Ther Fri. Aug. 2, 1918 Wea

Arrived in
Halifax harbor
Nova Scotia
about 7 A.M.

Ther Saturday 3 Wea

Ther Sunday 4 Wea

Left Halifax for
overseas about
1 o'clock P.M.

Ther Mon. Aug. 5, 1918 Wea

Ther Tuesday 6 Wea

Ther Wednesday 7 Wea

Ther Thur. Aug. 8, 1918 Wea

Ther Sun. Aug. 11, 1918 Wea

*In hospital on
transport with a
smash on head*

Ther Friday 9 Wea

Ther Monday 12 Wea

Ther Saturday 10 Wea

Ther Tuesday 13 Wea

Ther Wed. Aug. 14, 1918 Wea

Ther Sat. Aug. 17, 1918 Wea

Ther Thursday 15 Wea

Arrived in Liverpool,
England, stayed
overnight at
Kinnetty Ash Camp.

Ther Friday 16 Wea

Left camp at 1 P.M.
and arrived at
Ramsay at 10 P.M.

Ther Sunday 18 Wea

Ther Monday 19 Wea

Ther Tues. Aug. 20, 1918 Wea

Left Camp Wood for a
quarantine camp.
Arrived about 5 P.M.
after 13 hrs. drive.

Ther Wednesday 21 Wea

Ther Thursday 22 Wea

Ther Fri. Aug. 23, 1918 Wea

Ther Saturday 24 Wea

Ther Sunday 25 Wea

Ther Mon. Aug. 26, 1918 Wea

Ther Thur. Aug. 29, 1918 Wea

Left Kewly about 5 A.M.
Arrived in Transport
for France about
7 P.M.

Ther Tuesday 27 Wea

Ther Friday 30 Wea

Arrived in Harve
France about
6 A.M.

Ther Wednesday 28 Wea

7 Ther Saturday 31 Wea

(Harvard)
Left Harve about
9 A.M. on bus
car all day

Ther Sun. Sept. 1, 1918 Wea

Arrived a train
ing camp, some
where in France
about 4 P.M.

Ther Monday 2 Wea

Ther Tuesday 3 Wea

Ther Wed. Sept. 4, 1918 Wea

Left Camp for
France Sept 6, 1918
for St. Nazaire

Ther Thursday 5 Wea

Arrived at
St. Nazaire
Sept. 7.

Ther Friday 6 Wea

Left for U.S.
Sept. 14, 1918.

Ther Sat. Oct. 19, 1918 Wea

Ther Tues. Oct. 22, 1918 Wea

Ther Sunday 20 Wea

Ther Wednesday 23 Wea

Ther Monday 21 Wea

Ther Thursday 24 Wea

Left for auto school

Ther Tues. Nov. 12, 1918 Wea

Ther Fri. Nov. 15, 1918 Wea

Ther Wednesday 13 Wea

Ther Saturday 16 Wea

*Returned to the
Battery from
school.*

Ther Thursday 14 Wea

Ther Sunday 17 Wea

Memoranda

A . .
 B - . . .
 C - . . .
 D - . .
 E .
 F . . - .
 G - - .
 H
 I . .
 J . - - -
 K - . -
 L . - . .
 M - -
 N - .

Memoranda

O - - -
 P . - - .
 Q - - . -
 R . - .
 S . . .
 T -
 U . . -
 V . . . -
 W . - -
 X - . . -
 Y - . - -
 Z - - . .

Memoranda

Memoranda

1 . — — — —
2 . . — — —
3 . . . — —
4 —
5
6 —
7 — — . . .
8 — — — . .
9 — — — — .
0 — — — — —

Memoranda

CASH ACCOUNT. JANUARY

| Received. | Paid. |
|-----------|-------|
|-----------|-------|

Mike Jackson
1274 Augusta St
Chicago, Ill.

George Hutchinson
6 Cedar Wood Road
Summit, Ill.

Ralph A. Wheeler
Bernice Trimmer

Mr. M. Hale
7021 Lustrine St
Chicago, Ill.

CASH ACCOUNT. FEBRUARY.

| Received. | Paid. |
|-----------------|-------|
| Meyer Wile | |
| 1220 Oakland St | |
| Shreveport | |
| La | |

| | |
|---------------|--|
| John W McHugh | |
| 2034 Hill St | |
| Springfield | |
| Ill | |

| | |
|------------------|--|
| Ricardo Lopez | |
| 612 - 4th Ave. | |
| Rock Island Ill. | |

CASH ACCOUNT. MARCH.

| Received. | Paid. |
|--------------|-------|
| Dexter Sears | |
| Lake Placid | |
| Newman Co | |
| N Y | |

MEMORANDA.

Dolls. Cts.

MEMORANDA.

Dolls. Cts.

| | |
|------|----|
| Lee | 35 |
| Mac. | 35 |
| Wynn | 35 |
| West | 35 |

MEMORANDA.

Dolls. Cts.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME. *Paul Cahill*STREET, No. *150 U.S. Cal.*CITY. *Brook F.*TELEPHONE No. *A. E. F.*NAME. *Caleb Howard S. Lee*STREET, No. *512A M.I.T.*CITY. *Cambridge*TELEPHONE No. *Mass*NAME. *Ralph Insin*STREET, No. *19 St.*CITY. *St. Barbara*TELEPHONE No. *Mass*NAME. *Roger Lockley*STREET, No. *7 Swan St.*CITY. *Beggs*TELEPHONE No. *Mass*

ADDRESSES.

NAME.

Miss Alice M. Paul

STREET, No.

2 Locust St

CITY.

Ennet Mass.

TELEPHONE No.

NAME.

167 Beacon St

STREET, No.

F. D. Hower

CITY.

TELEPHONE No.

NAME.

Miss Mary Shea

STREET, No.

26 School St

CITY.

Beverly

TELEPHONE No.

NAME.

E. W. MacArthur

STREET, No.

U. S. N. T. G.

CITY.

Camp for

TELEPHONE No.

12 1/2 St.

ADDRESSES.

NAME.

Mr. S. B. Bunker

STREET, No.

53 Beach St

CITY.

Salmon

TELEPHONE No.

Mass

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

